

FIG. 1

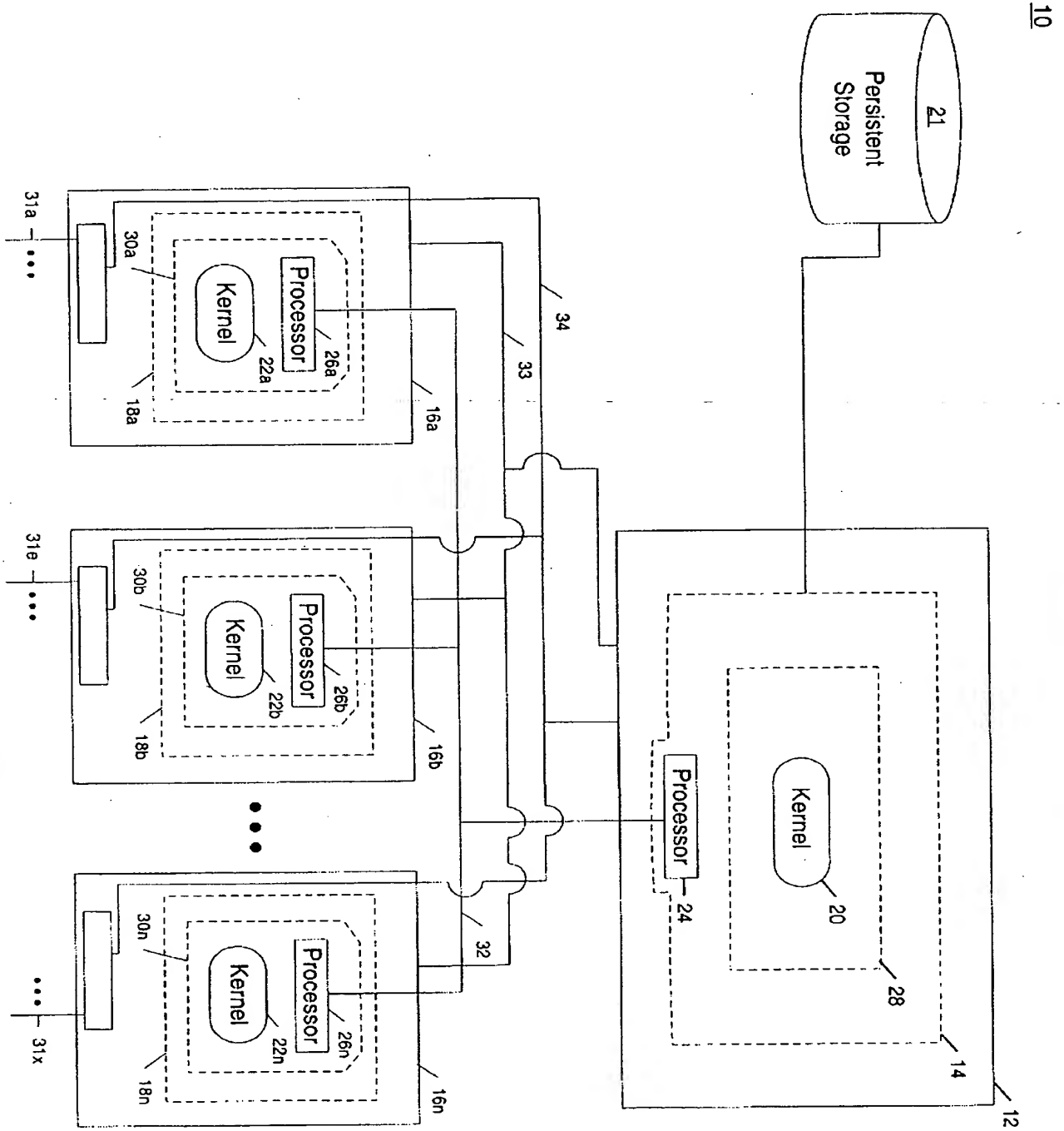


FIG. 2

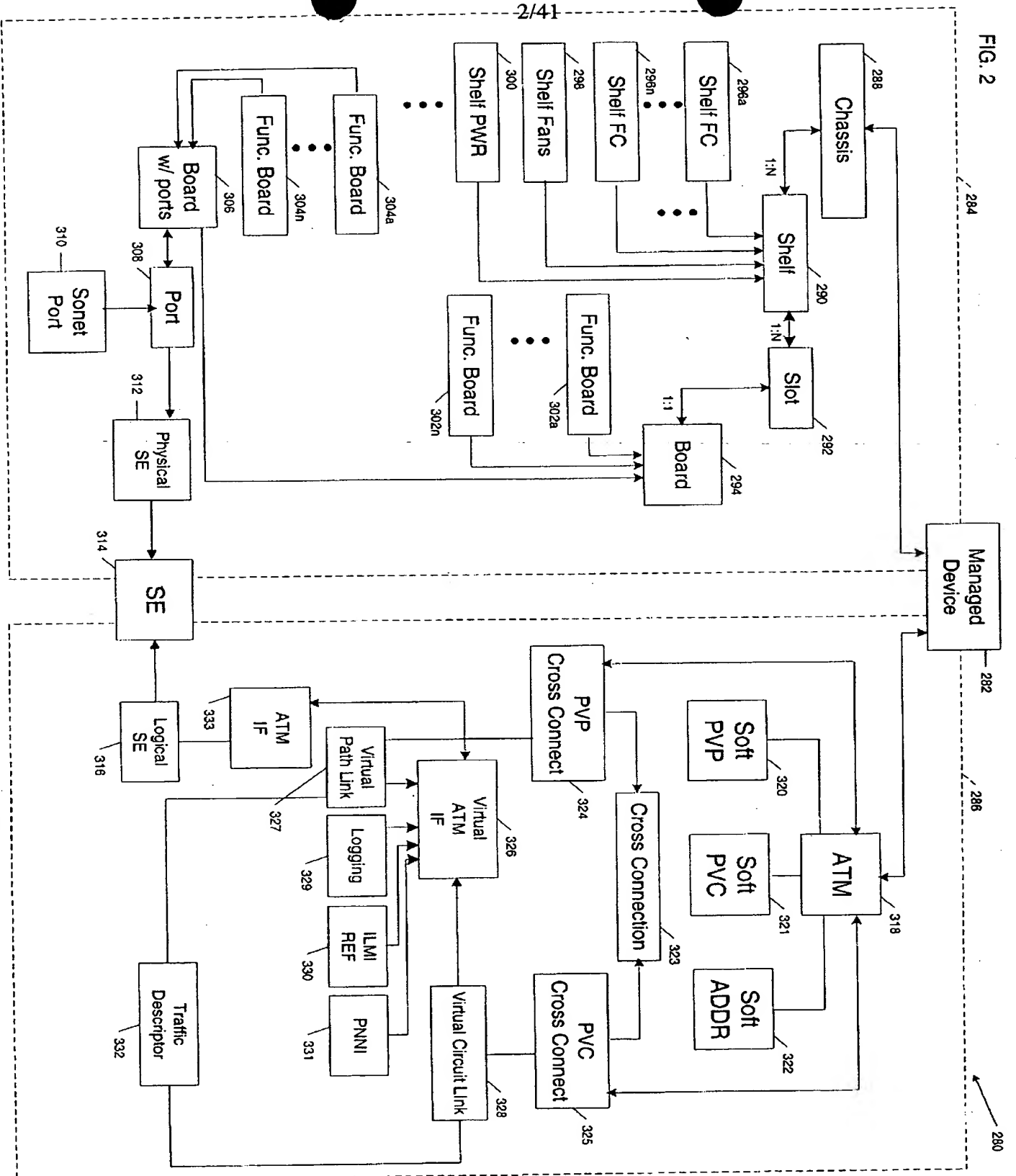


FIG. 3

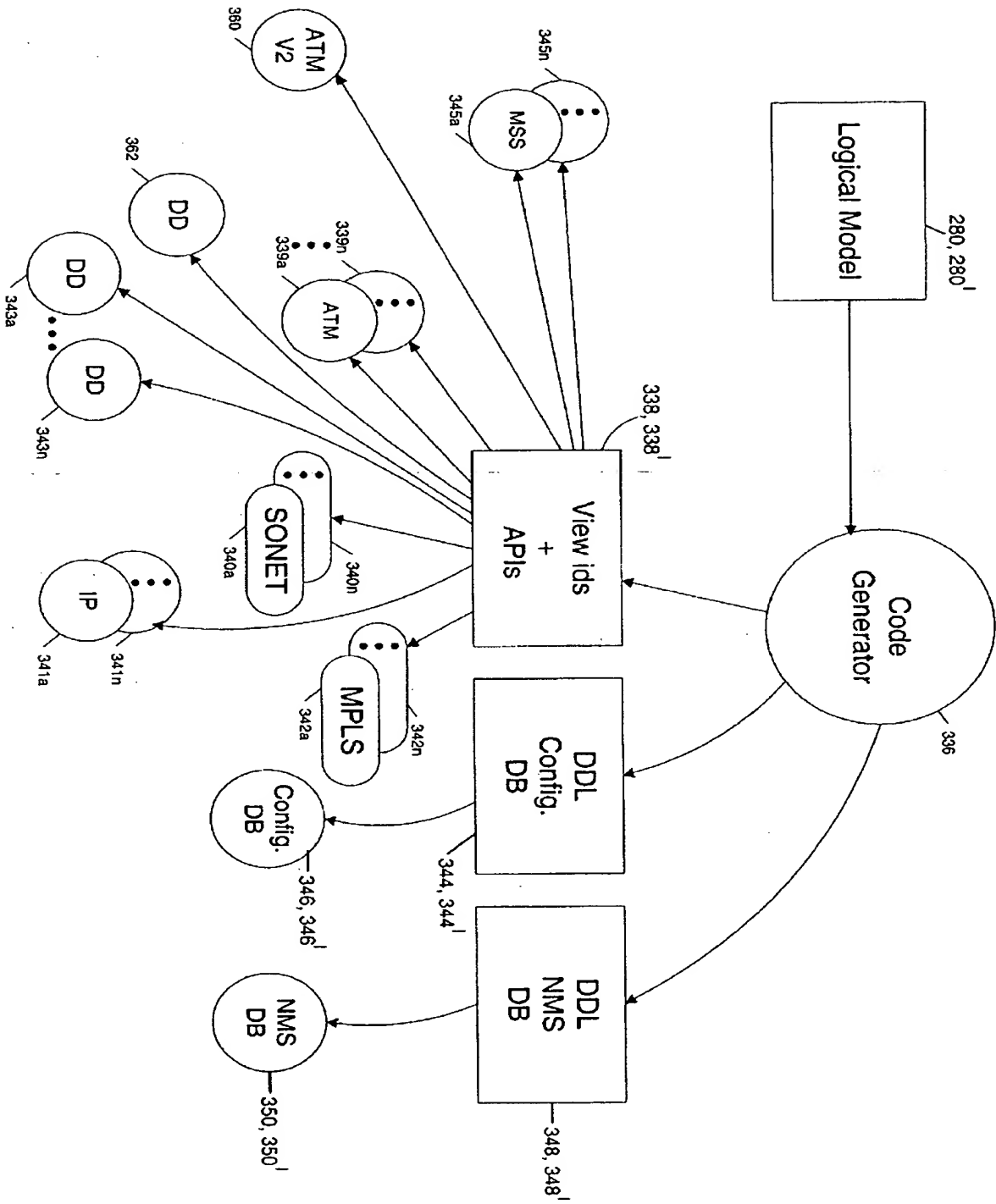


FIG. 4

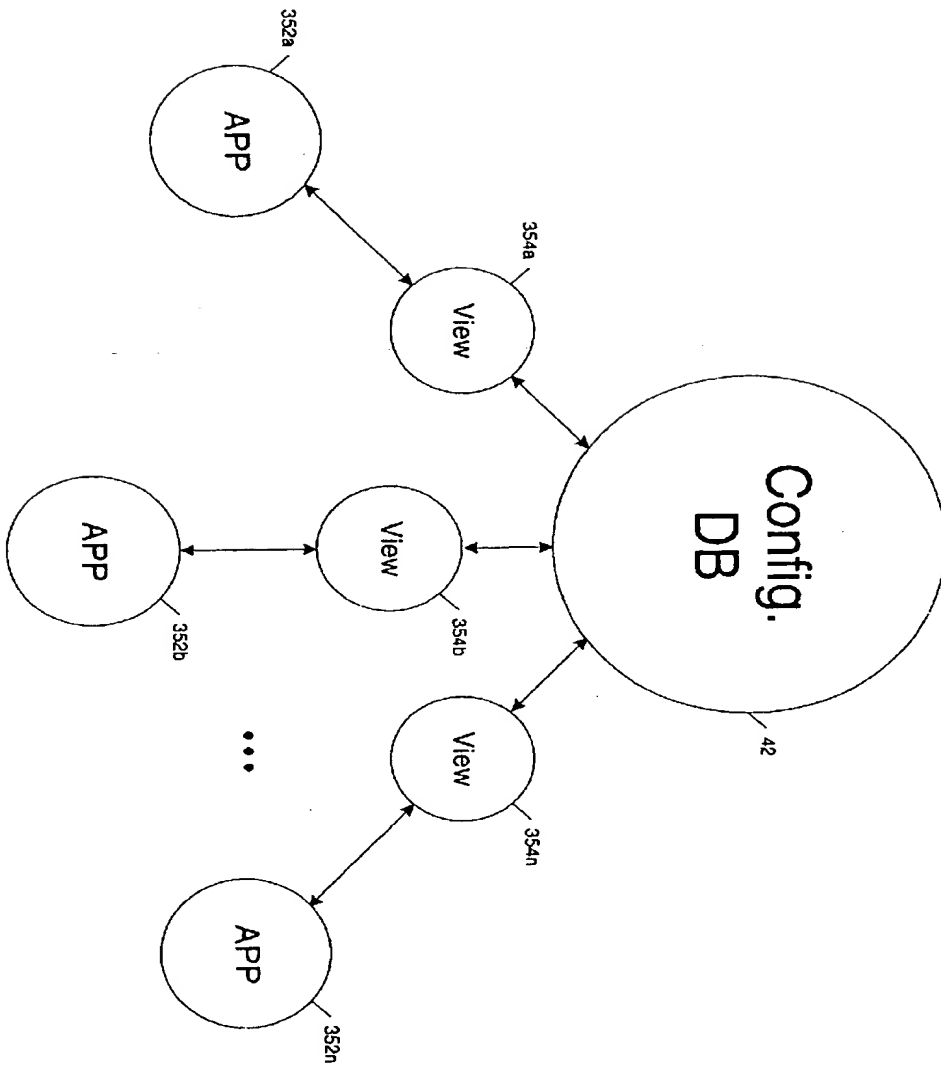
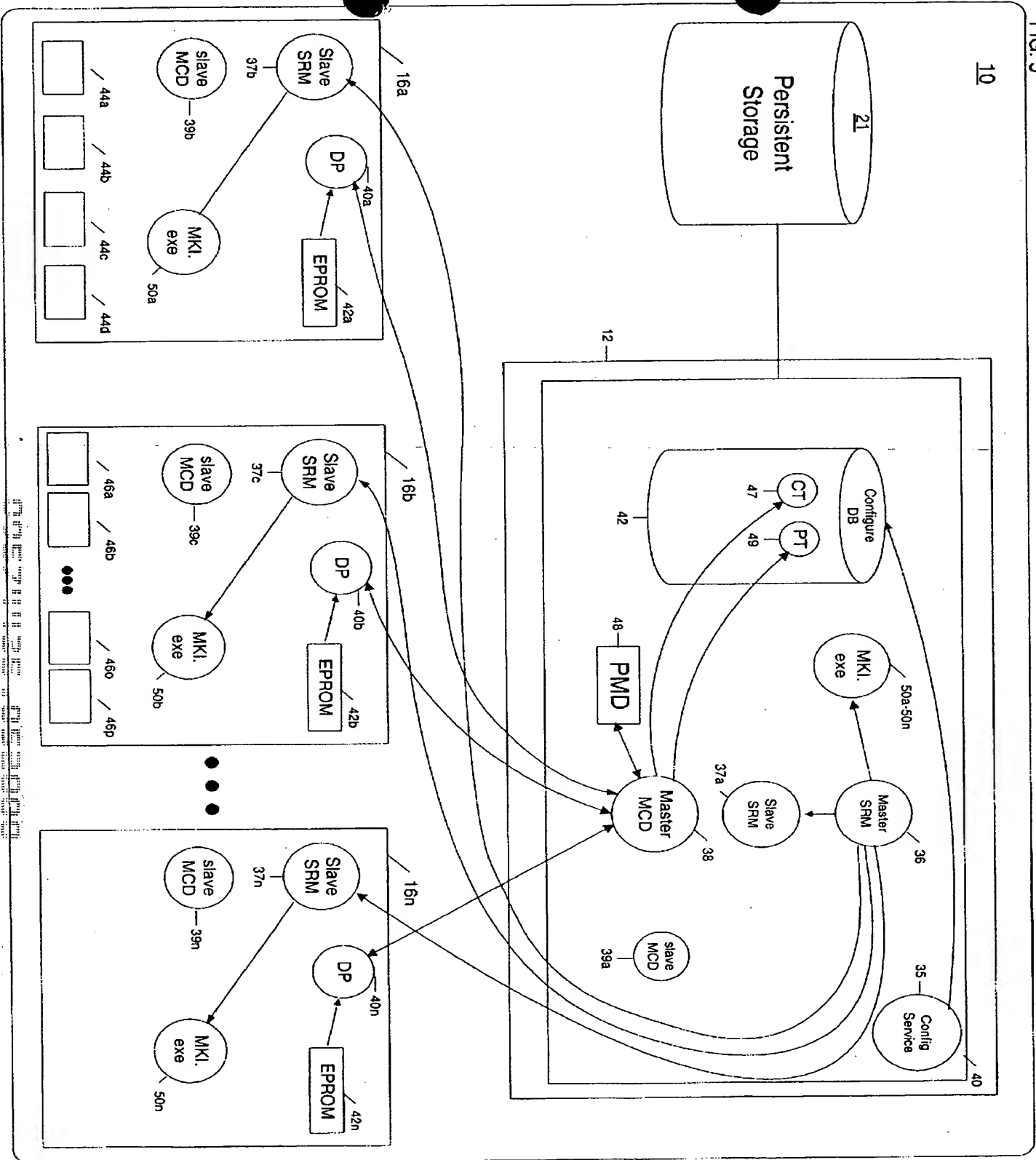


FIG. 5

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CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
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47

16 a —	500	0XF002	3	1	
16 b —	501	0XF002	4	2	

16 e —	505	0X6002	1	5	

16 n —	513	0XF002	1	12	

FIG. 6

PORT TABLE

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
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49

44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
46a	1504	00820			

	1600	00620	1	8	

FIG. 7

FIG. 7 is a schematic diagram of a port table. The table has five columns: PID, PORT TYPE, VERSION NO., SLOT NO., and an ellipsis. The rows are labeled 44a through 46a on the left. Row 44a has PID 1500, PORT TYPE 00620, VERSION NO. 1, and SLOT NO. 1. Row 44b has PID 1501, PORT TYPE 00620, VERSION NO. 1, and SLOT NO. 1. Row 44c has PID 1502, PORT TYPE 00620, VERSION NO. 1, and SLOT NO. 1. Row 44d has PID 1503, PORT TYPE 00620, VERSION NO. 1, and SLOT NO. 1. Row 46a has PID 1504, PORT TYPE 00820, and empty cells for VERSION NO. and SLOT NO. Below row 46a is a row with three vertical dots in the PID column and three vertical dots in the ellipsis column. Below that is a row with PID 1600, PORT TYPE 00620, VERSION NO. 1, and SLOT NO. 8. At the bottom is another row with three vertical dots in the PID column and three vertical dots in the ellipsis column.

FIG. 8

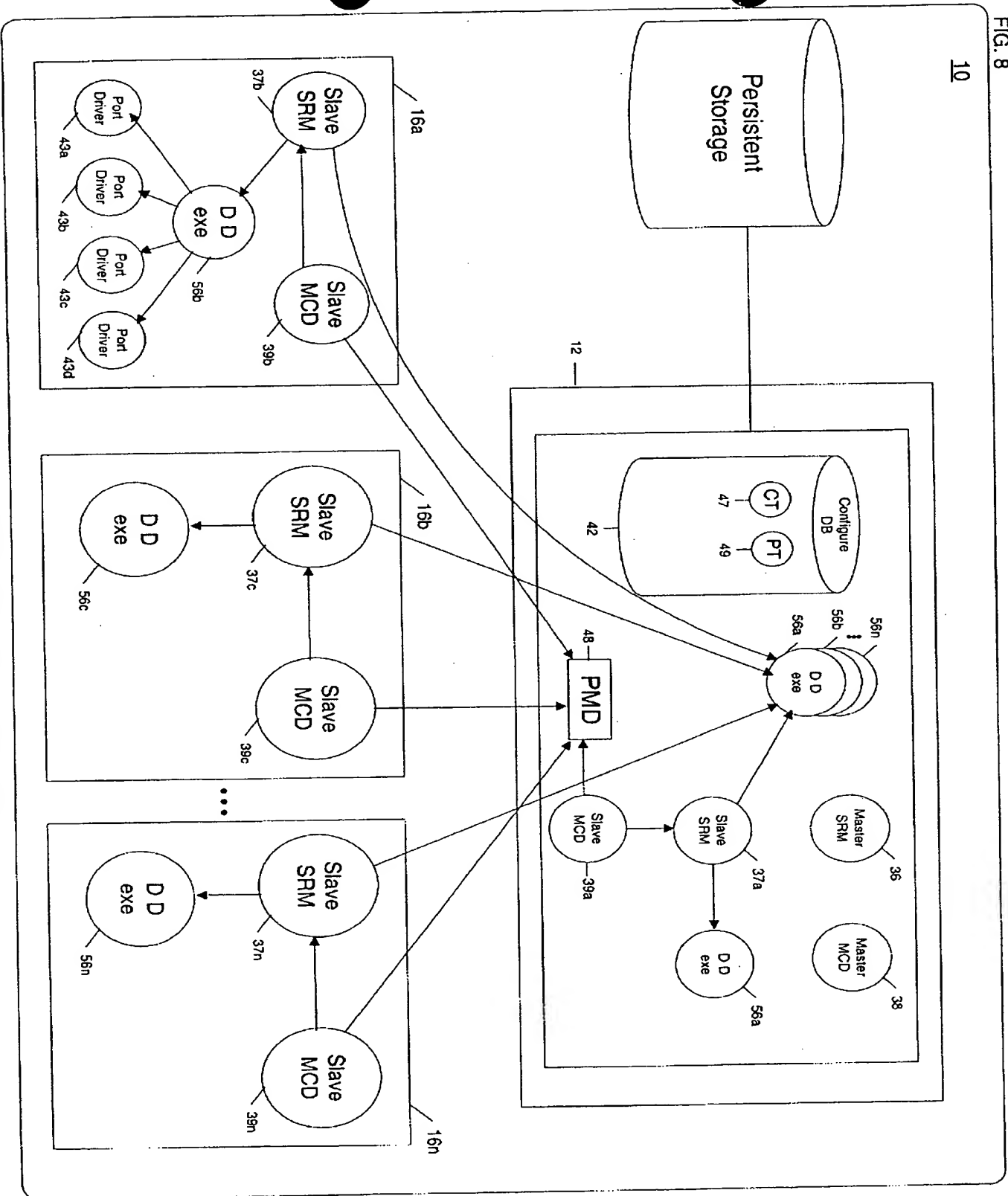


FIG. 9

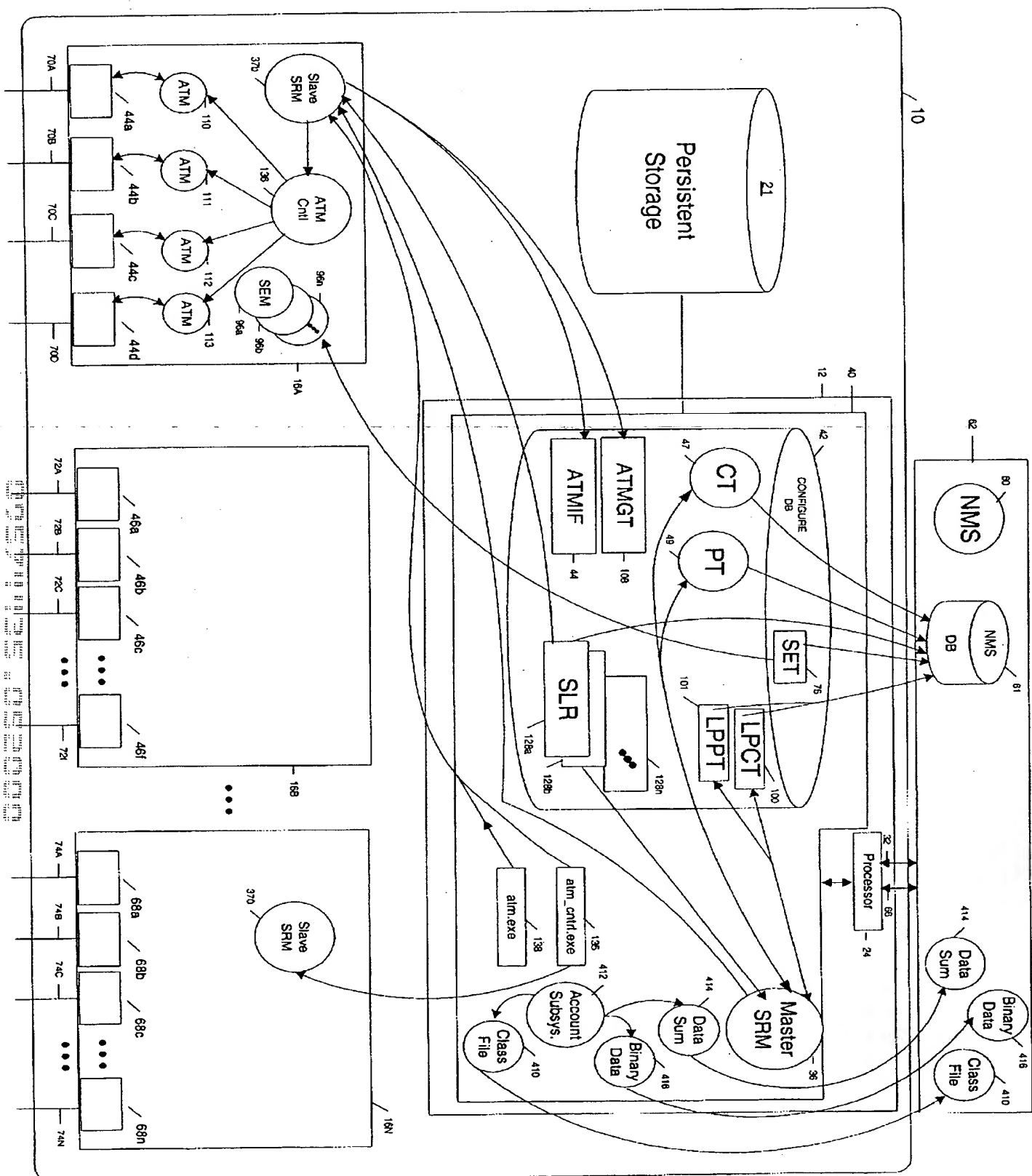


FIG. 10

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 11a

Logical to Physical Card Table 100

	LID	Primary PID	Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 11b

Logical to Physical Port Table 101

	LID	Primary PID	Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 12

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

FIG. 14

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntl.exe	30	

FIG. 15

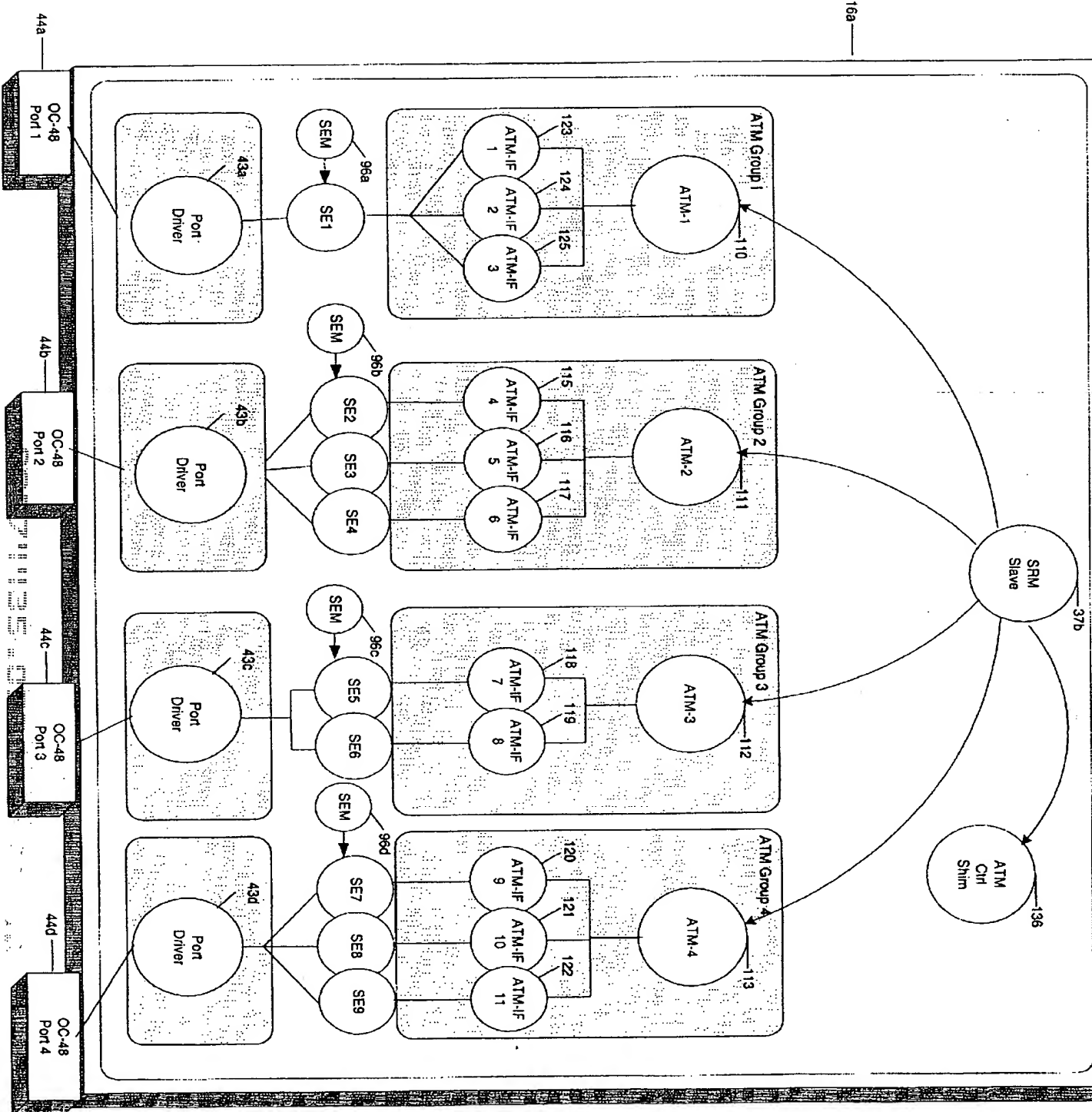


FIG. 16a

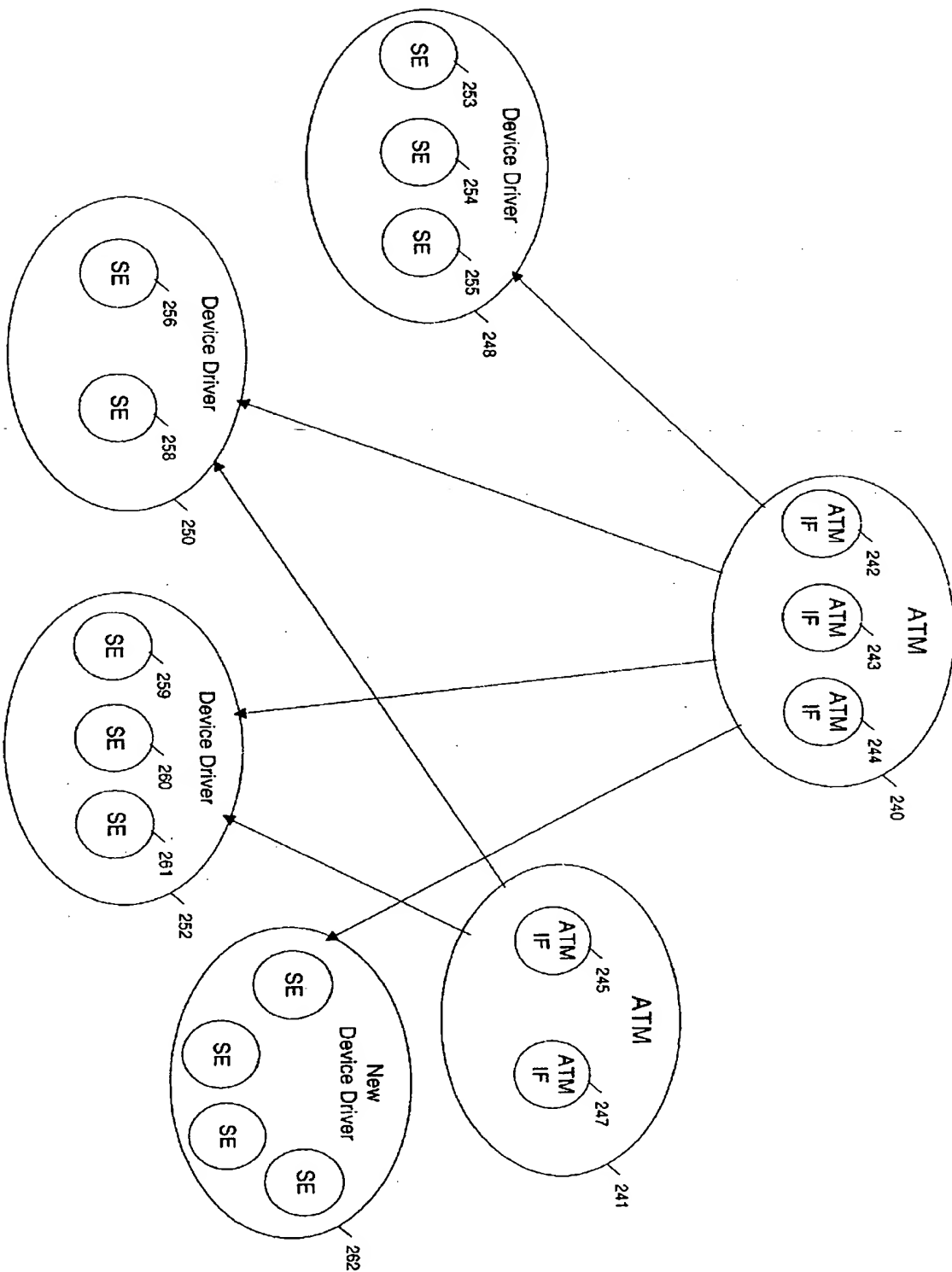


FIG. 16a

FIG. 16b

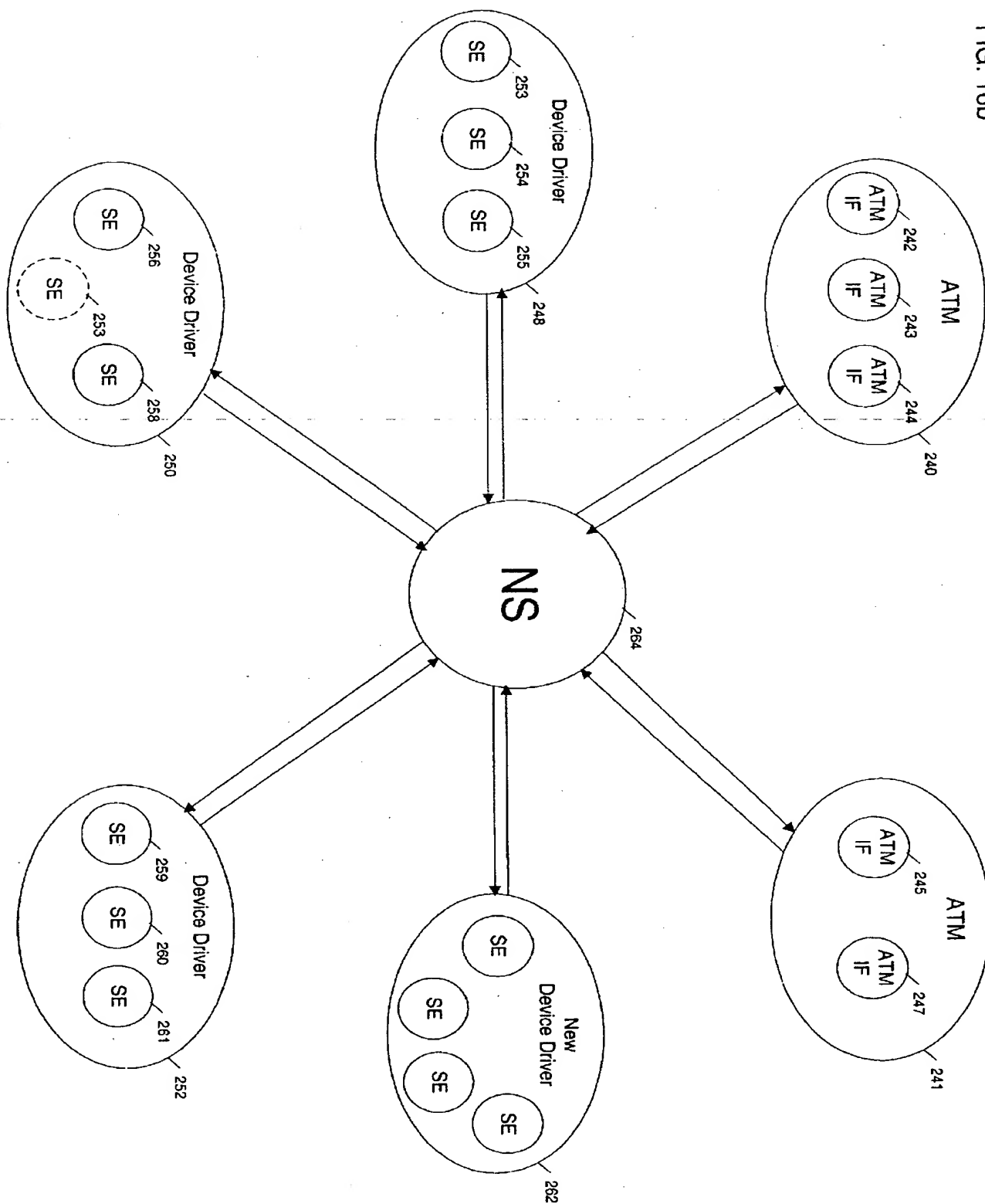


FIG. 16c

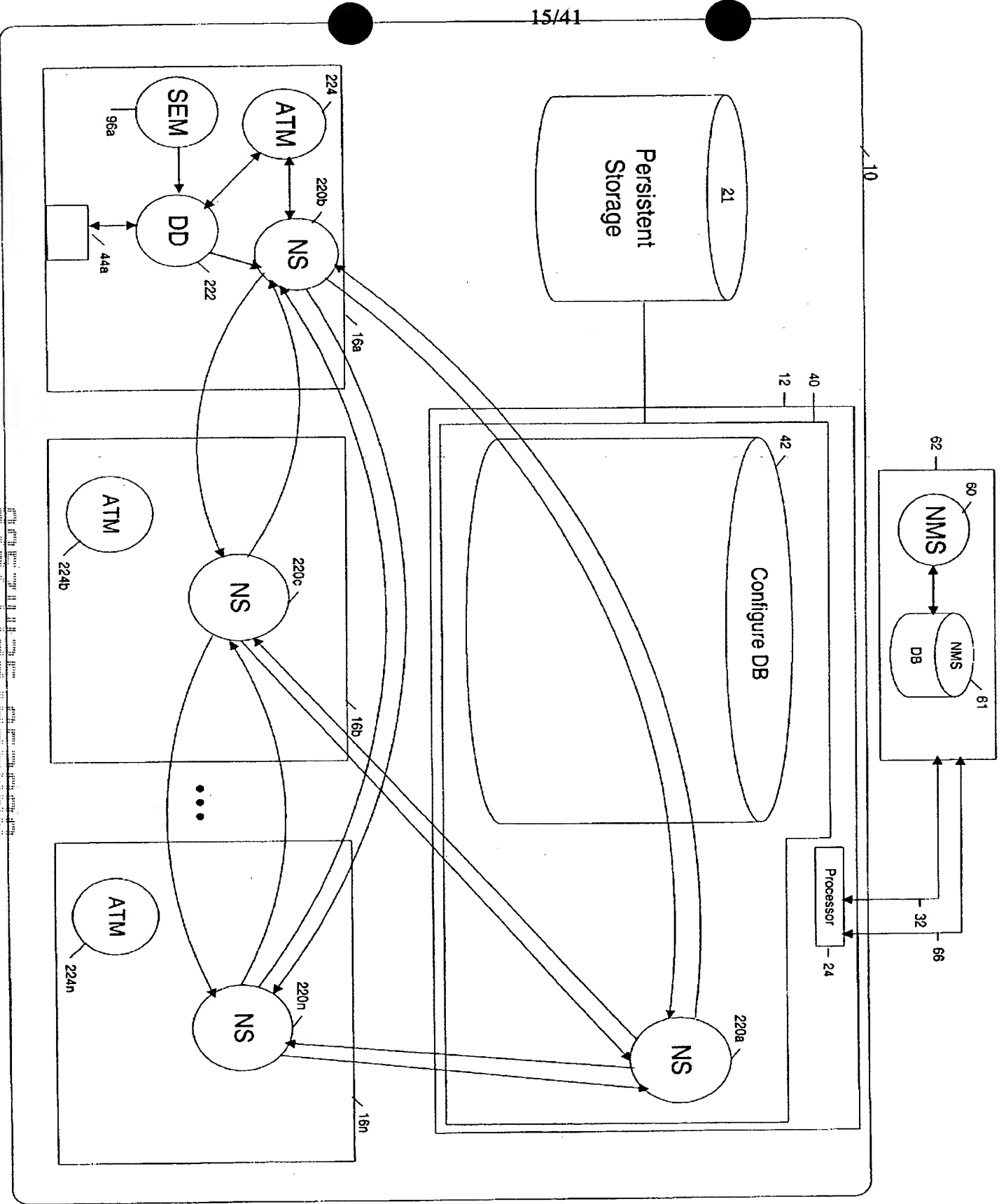


FIG. 16d

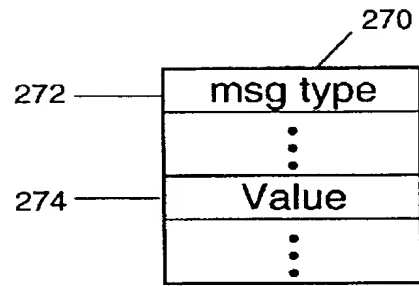


FIG. 17

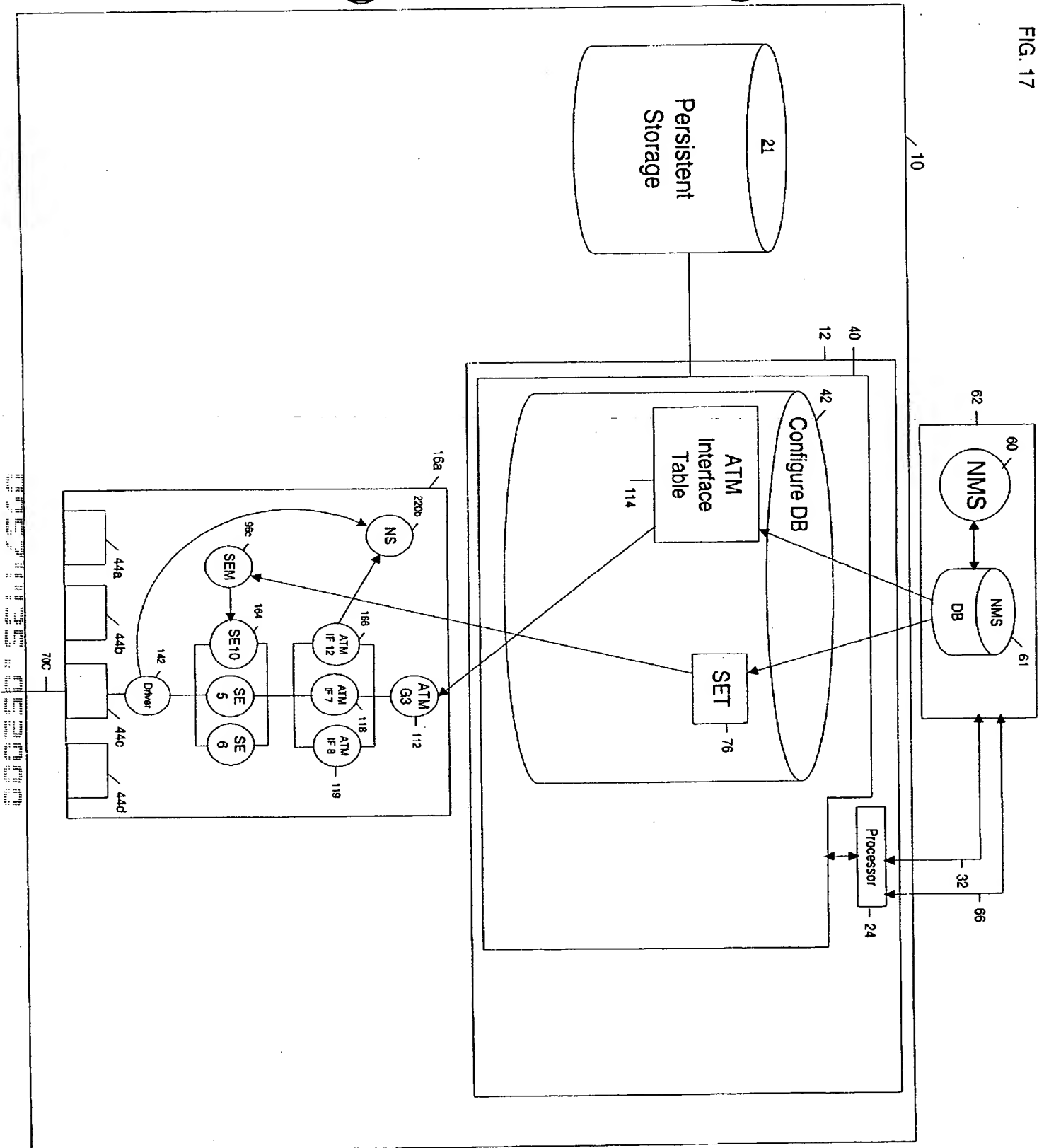


FIG. 18

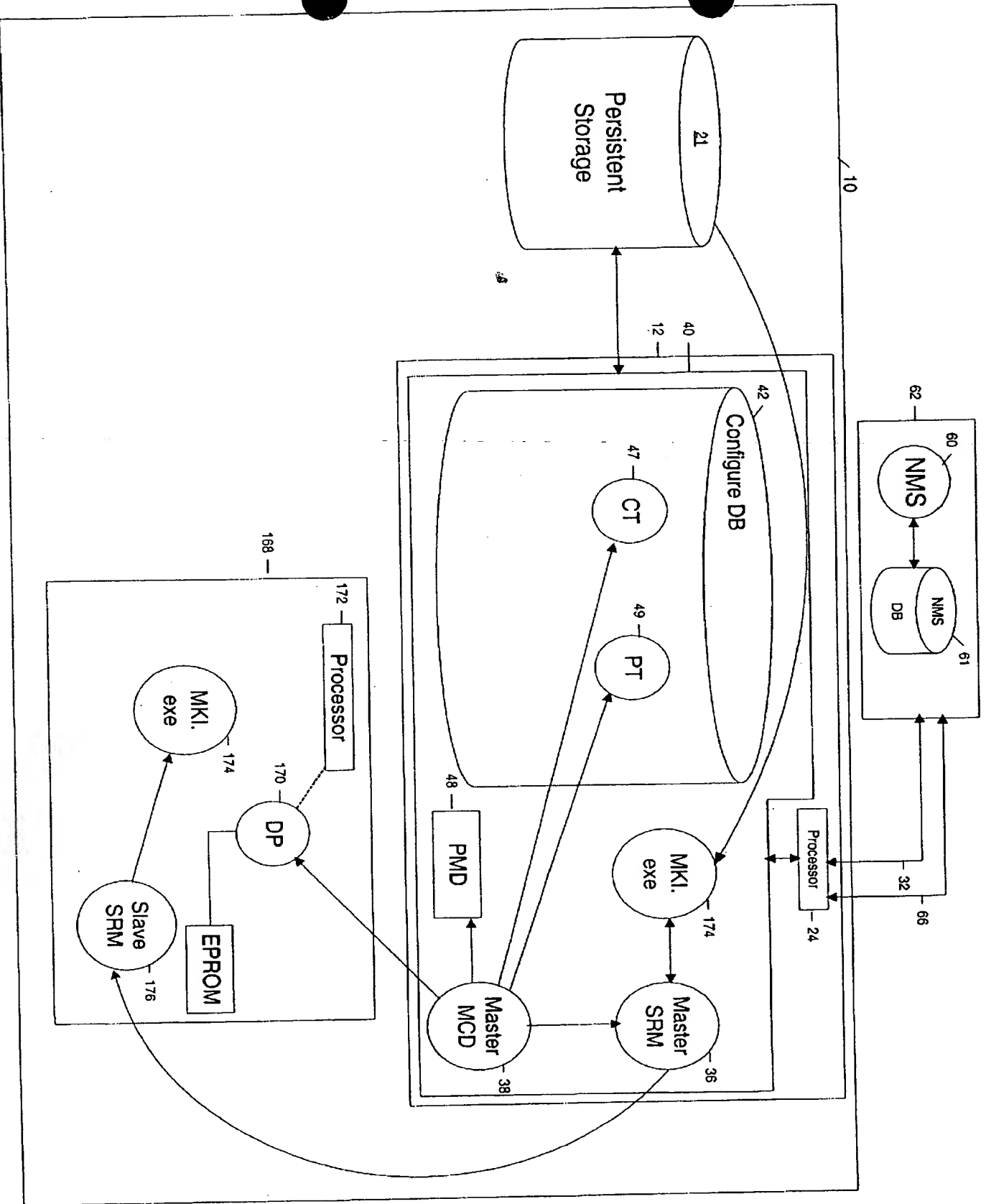


FIG. 19

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10

21

Persistent Storage

12

40

42

Config DB

47

CT

24

Processor

32

62

60

NMS

61

NMS DB

36

Master SRM

38

Master MCD

48

PMD

180

DD exe

176

Slave SRM

178

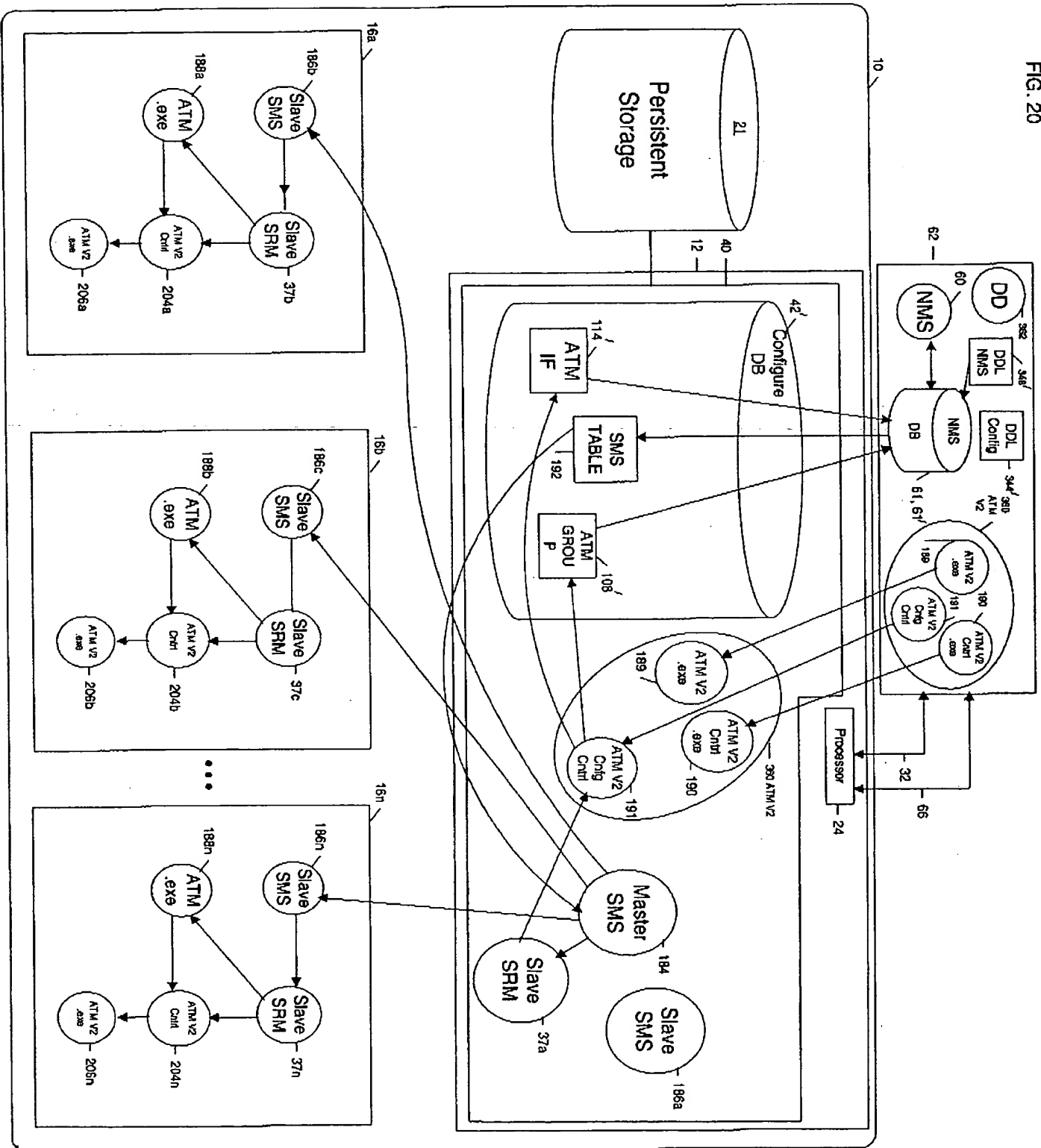
Slave MCD

180

DD exe

168

FIG. 20



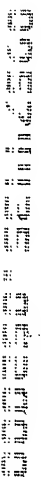


FIG. 22

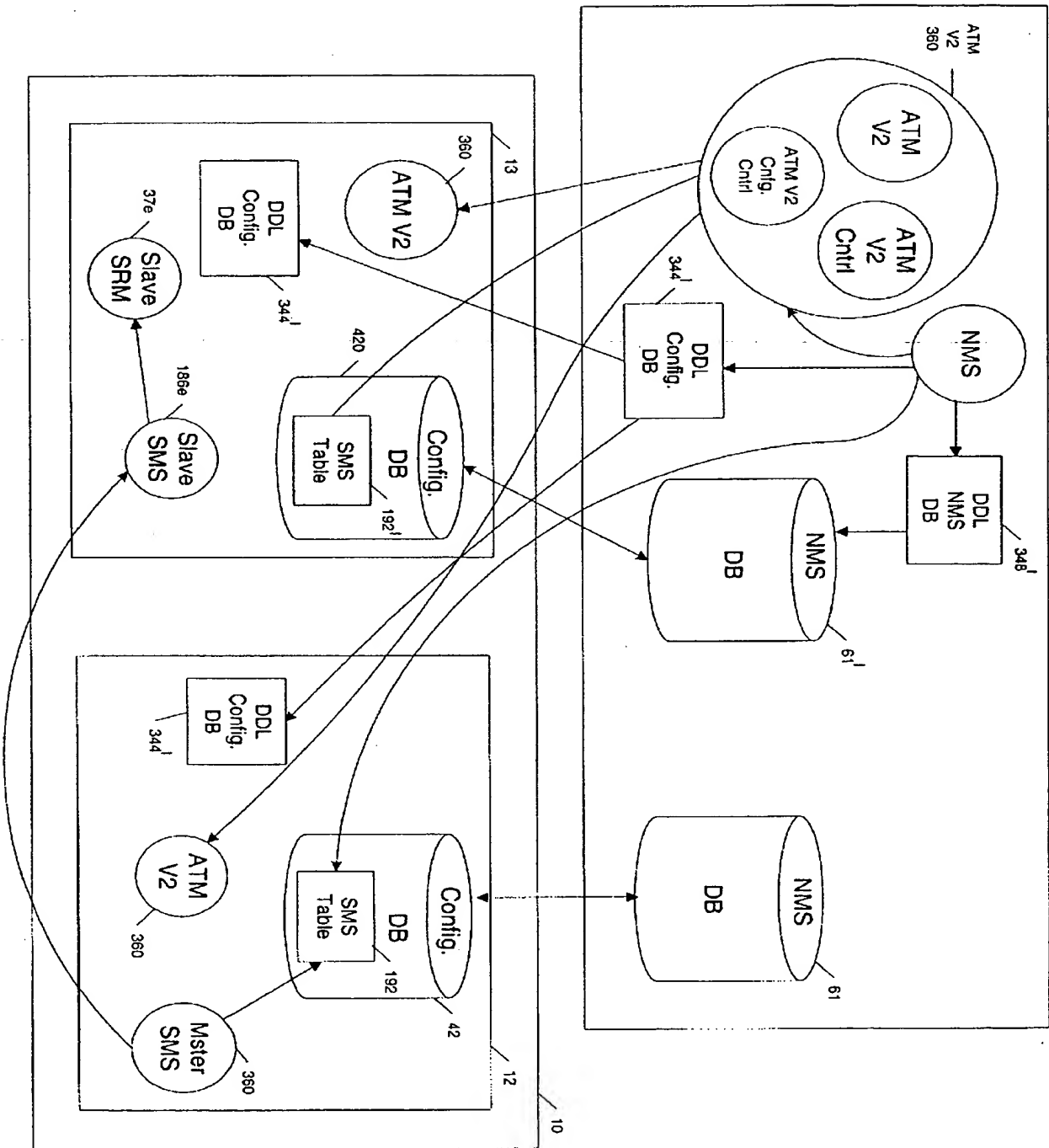


FIG. 23

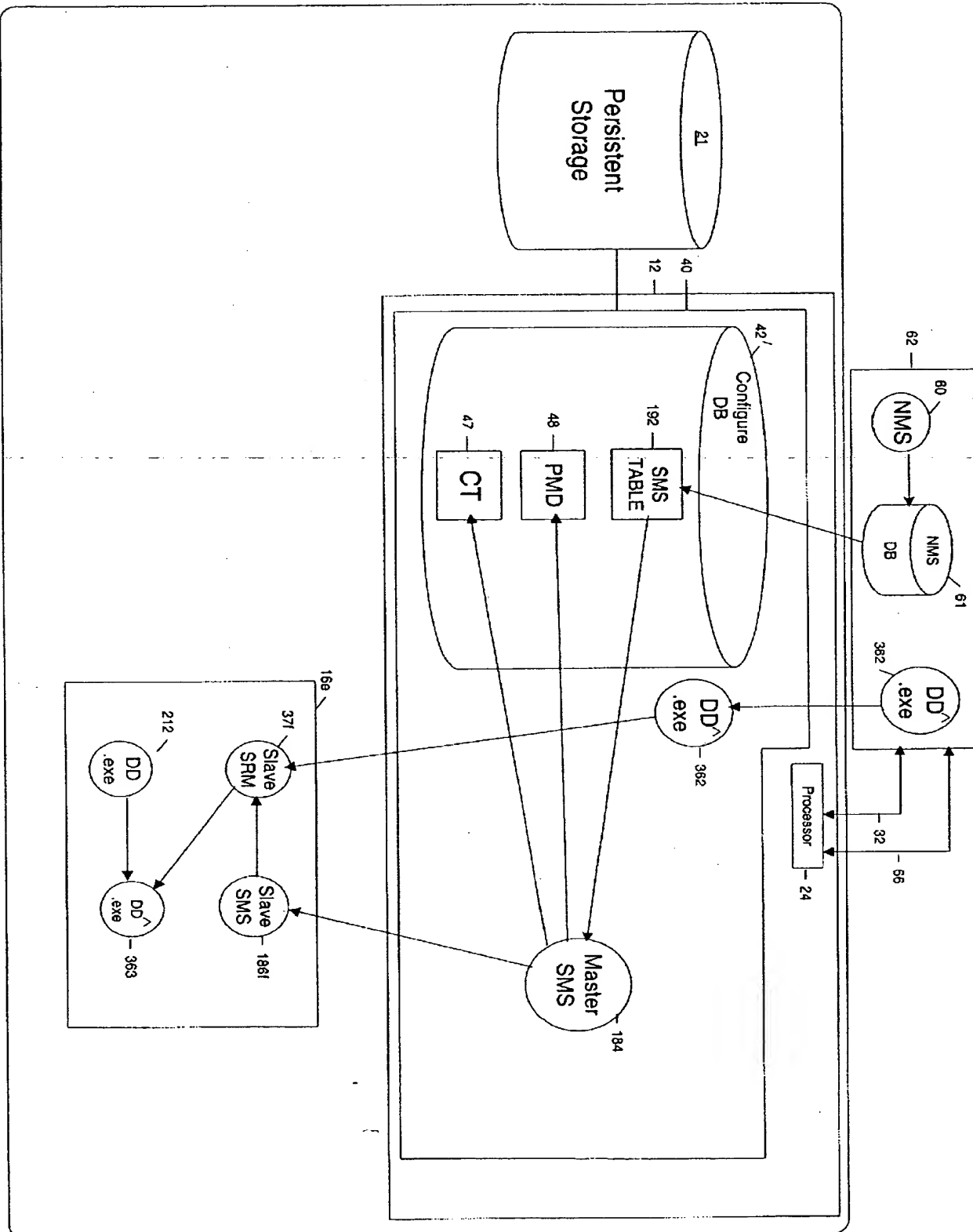


FIG. 24

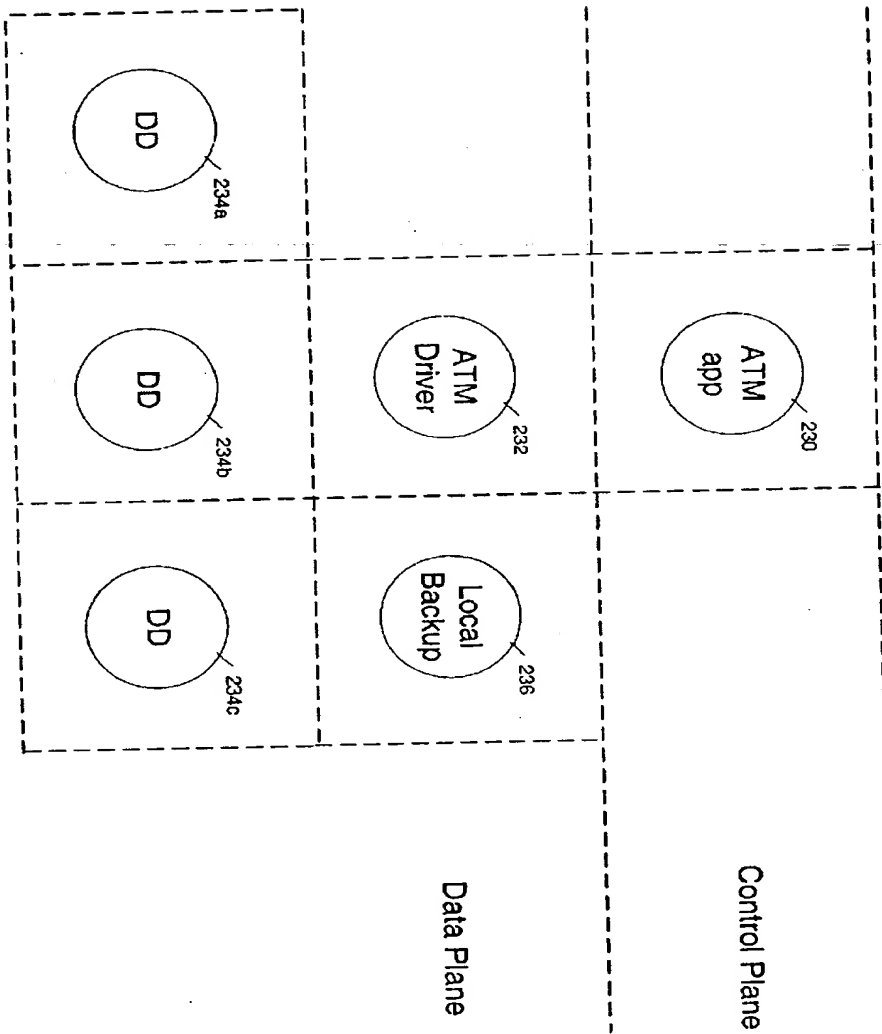


FIG. 25

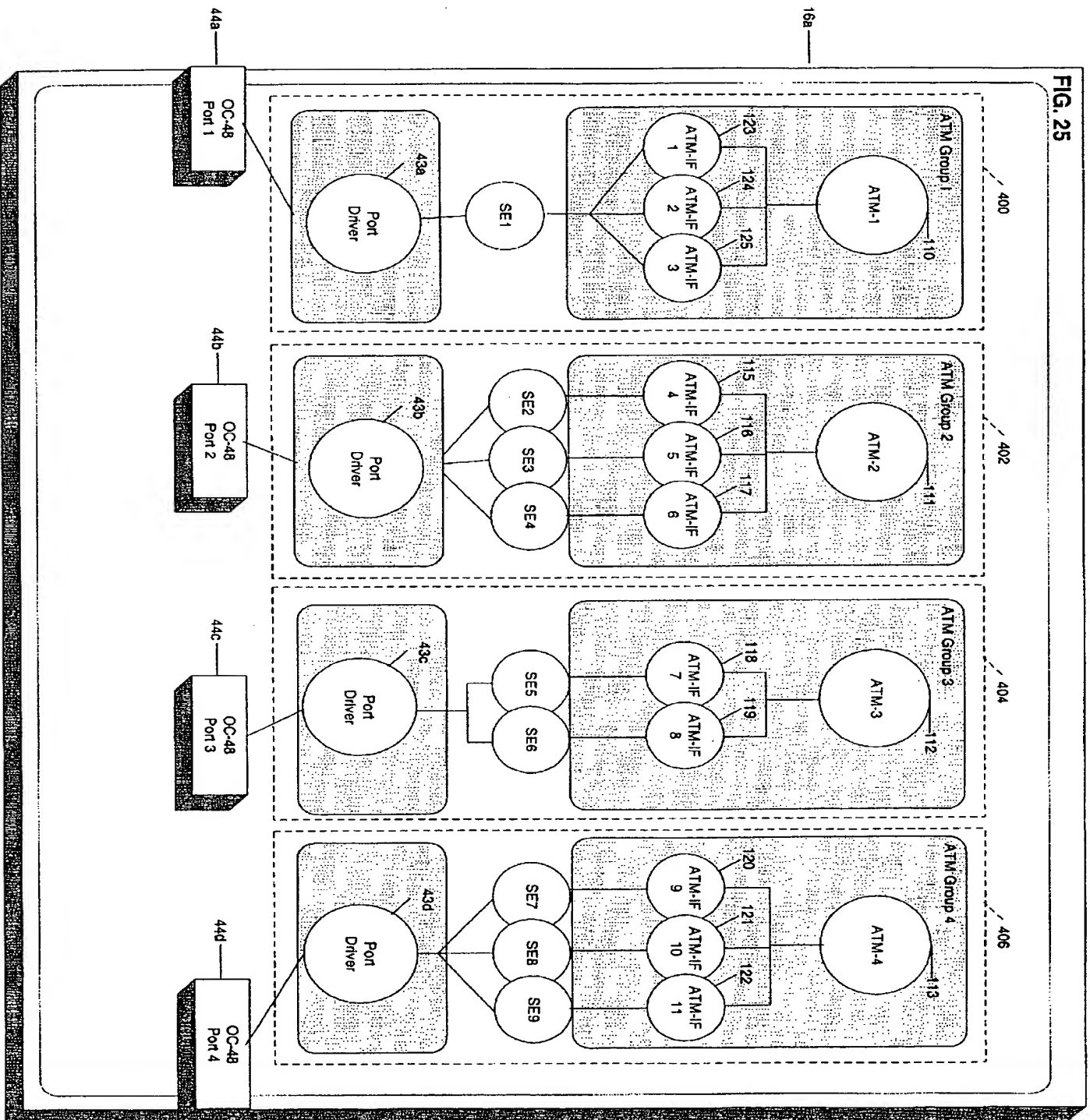


FIG. 26

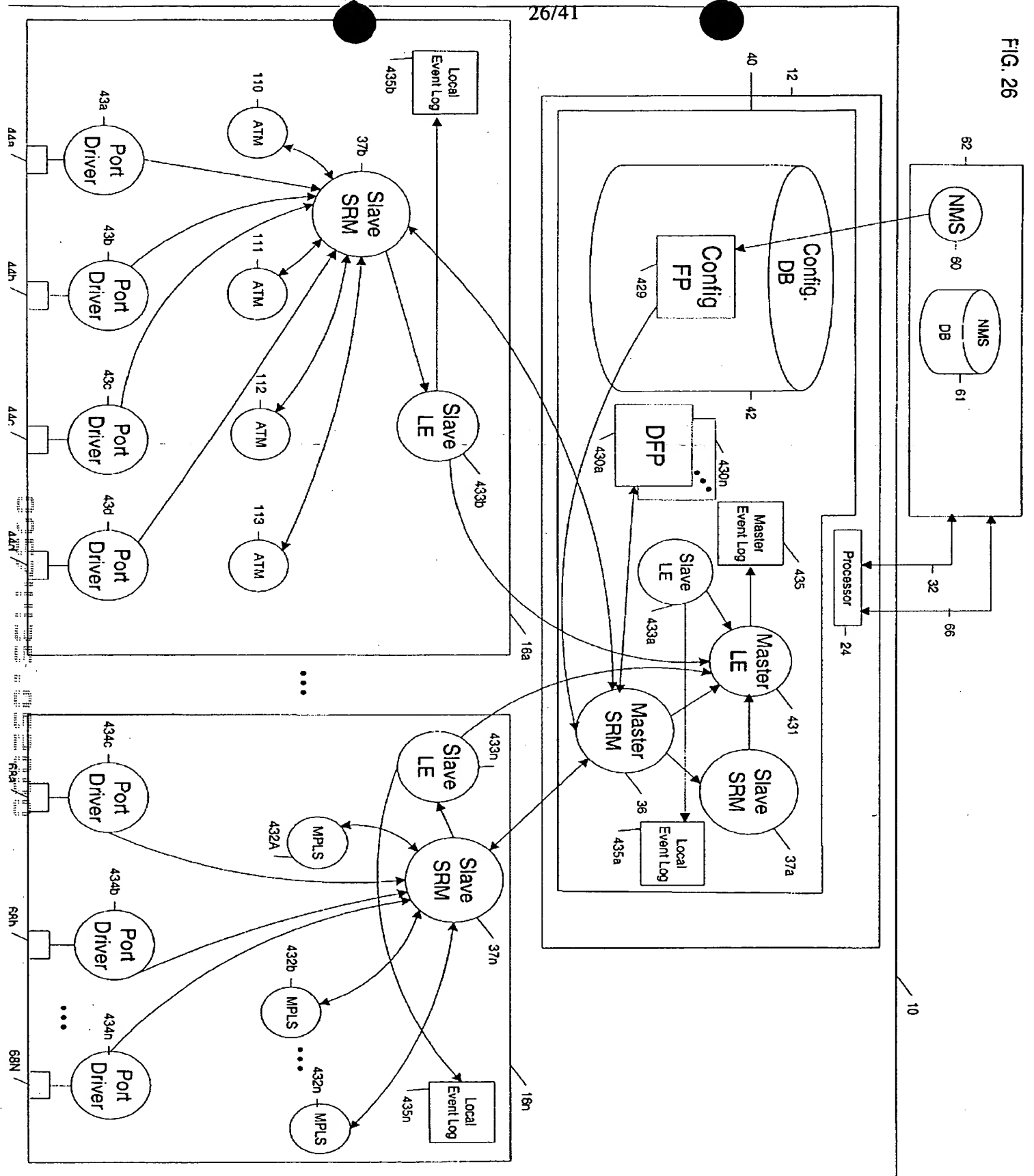


FIG. 27

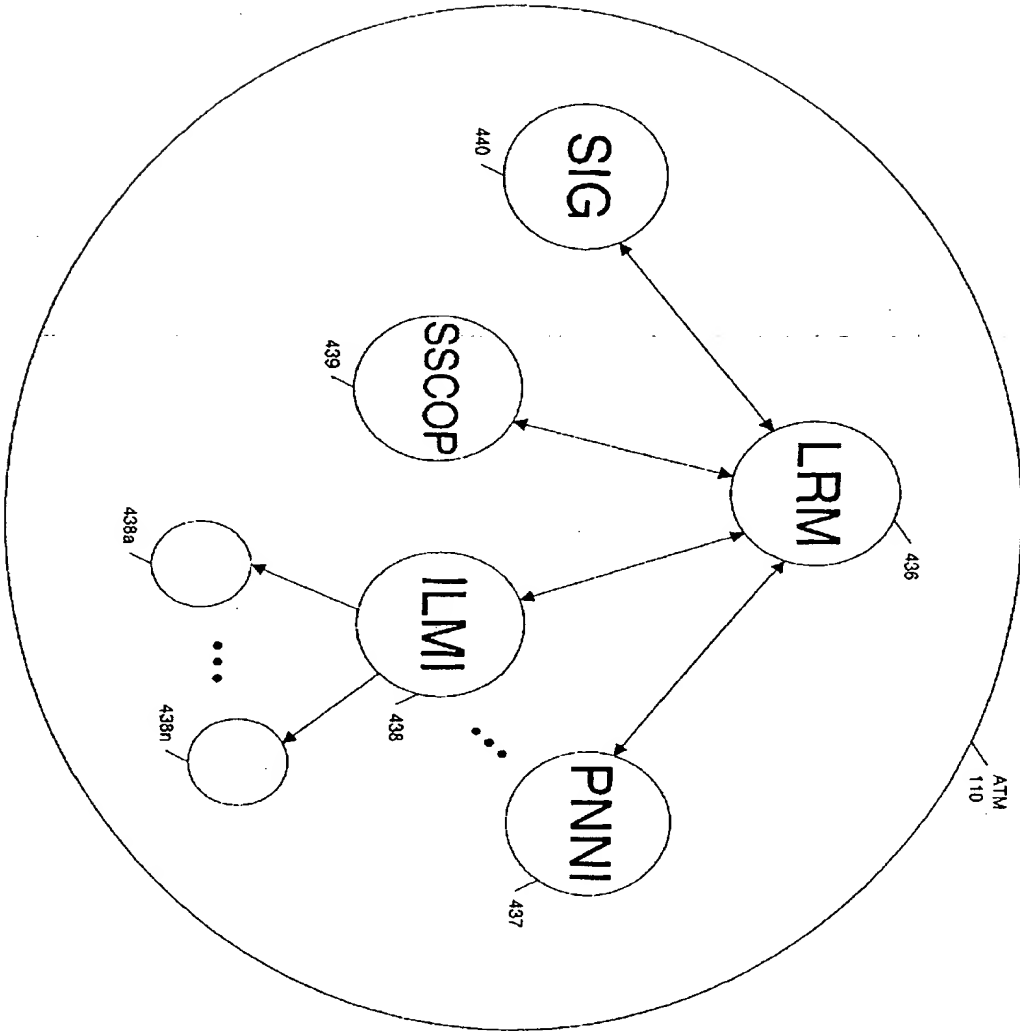


FIG. 28

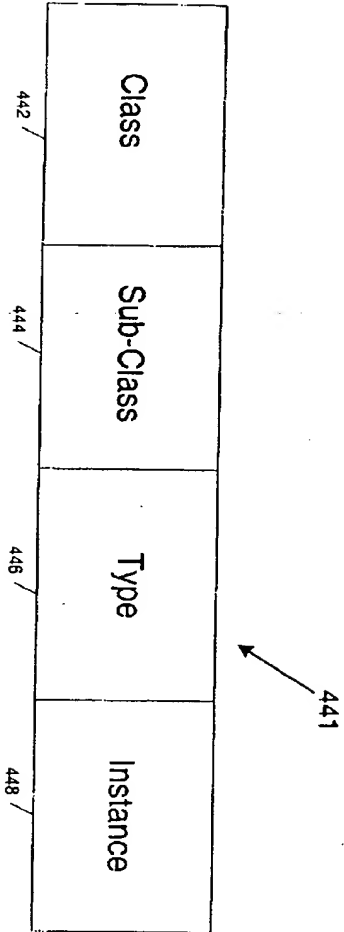


FIG. 29

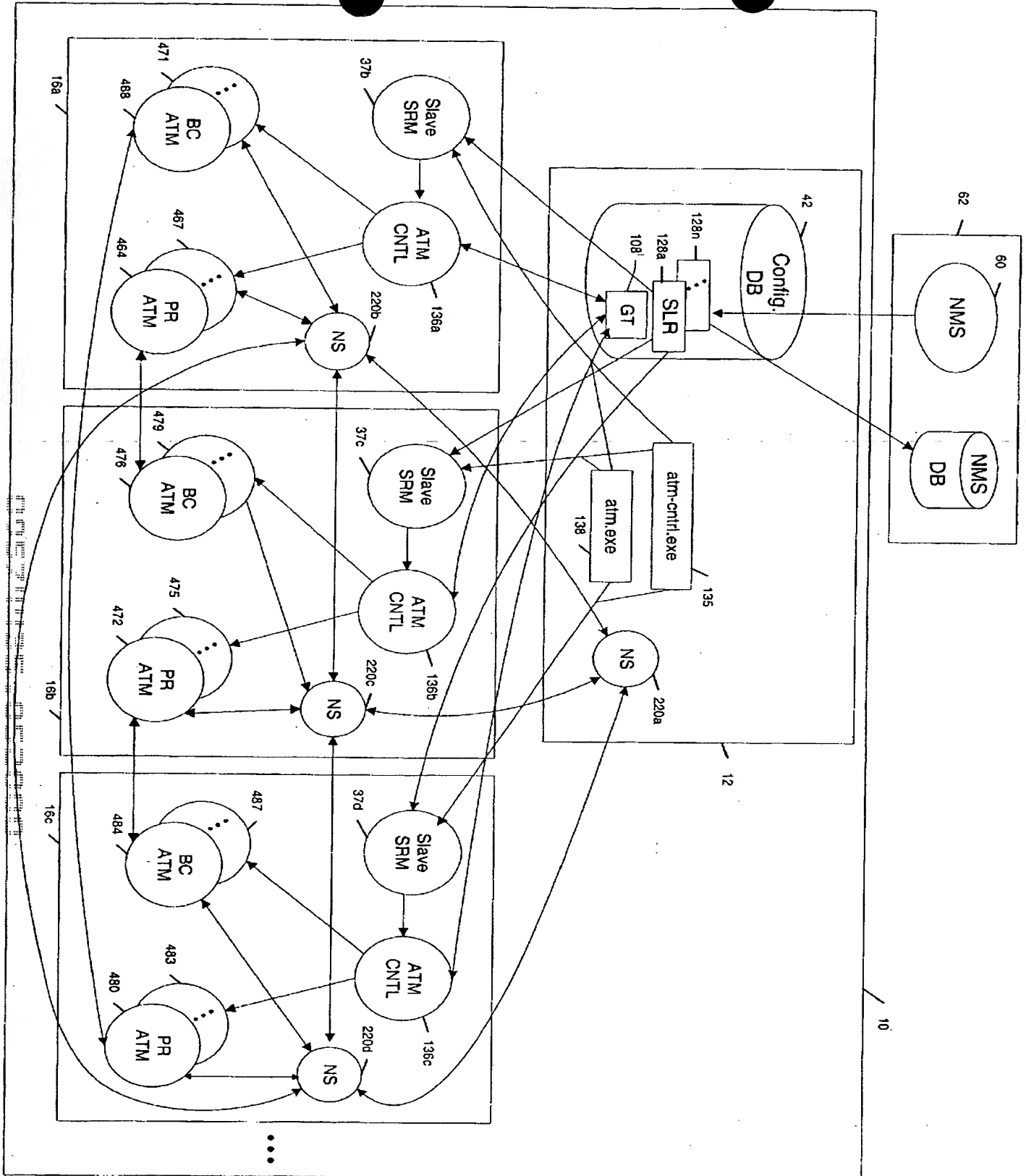


FIG.30

Group Table 108'

		447	449	
	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

Fig. 31a

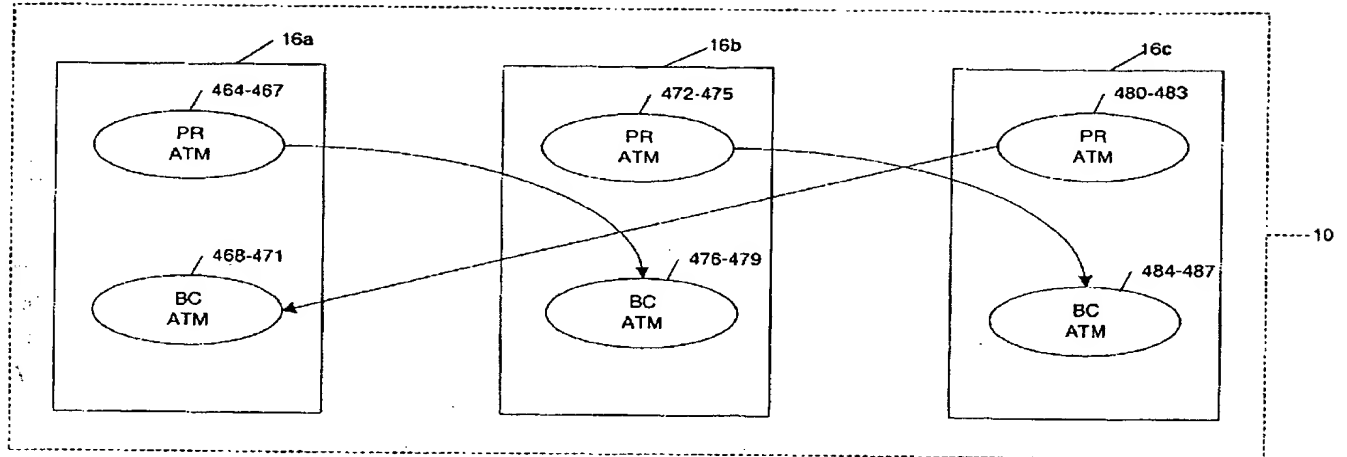


Fig. 31b

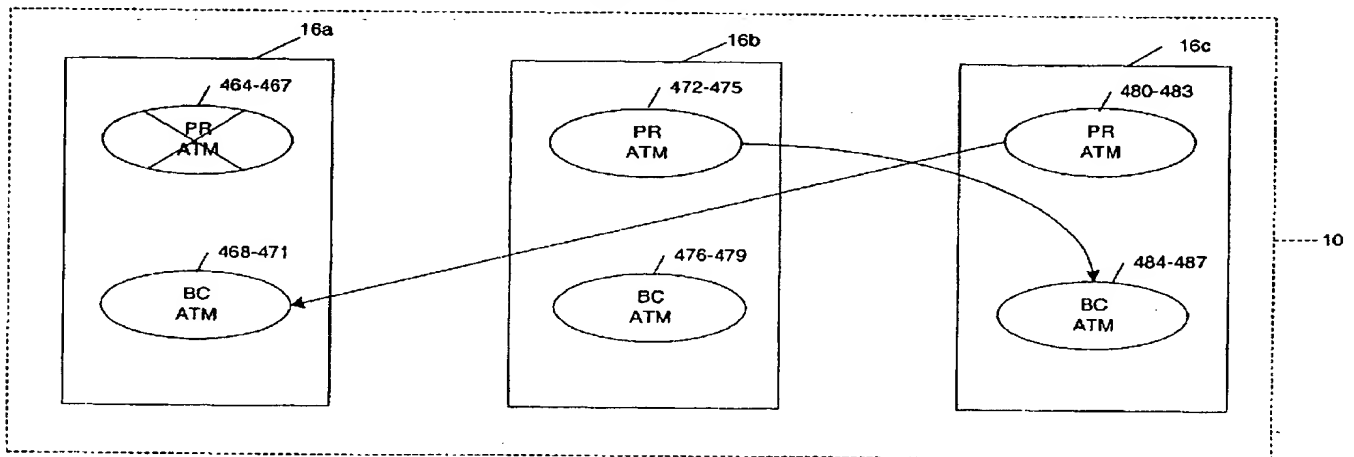


Fig. 31c

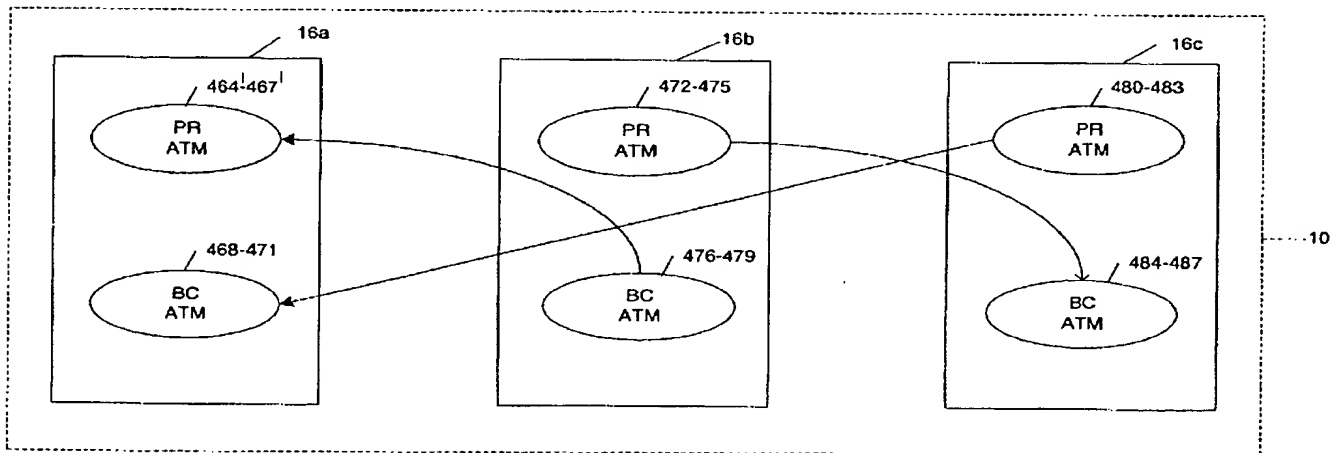


Fig. 32a

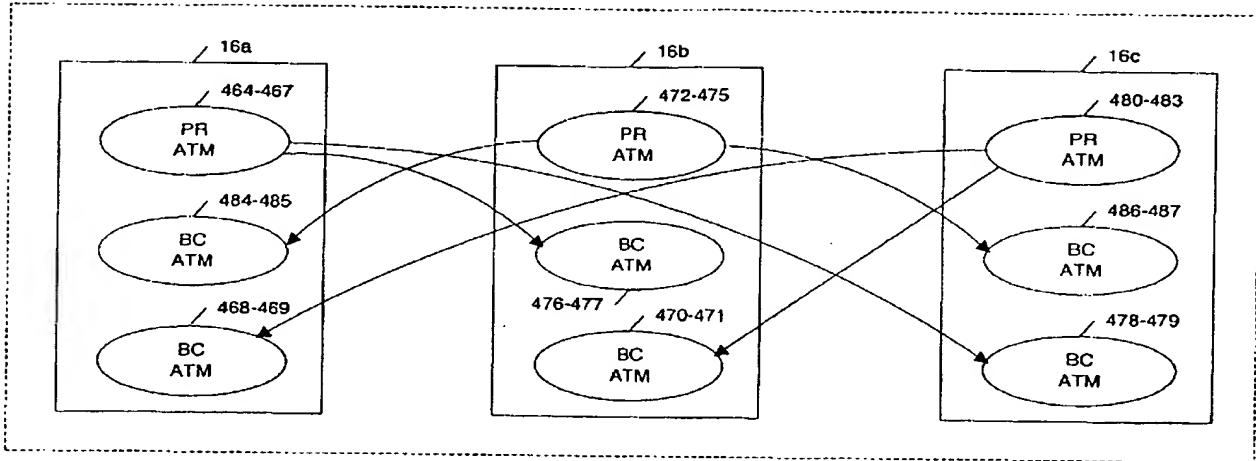


Fig. 32b

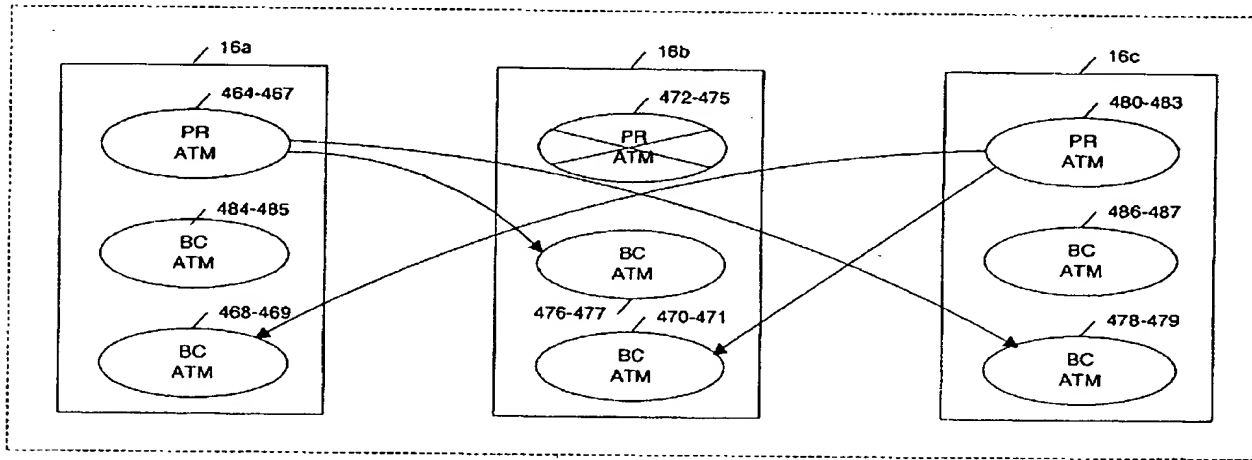


Fig. 32c

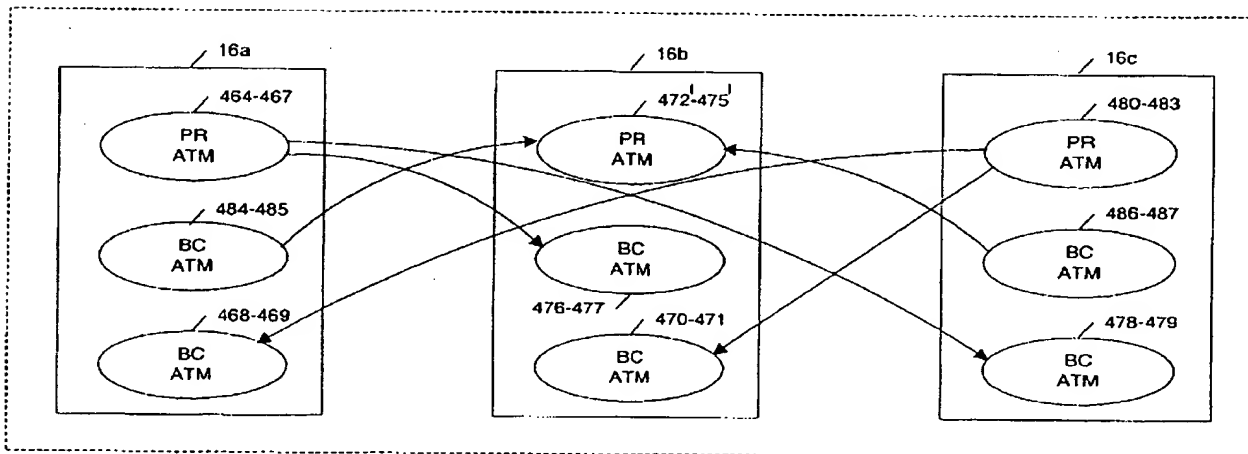


FIG. 33a

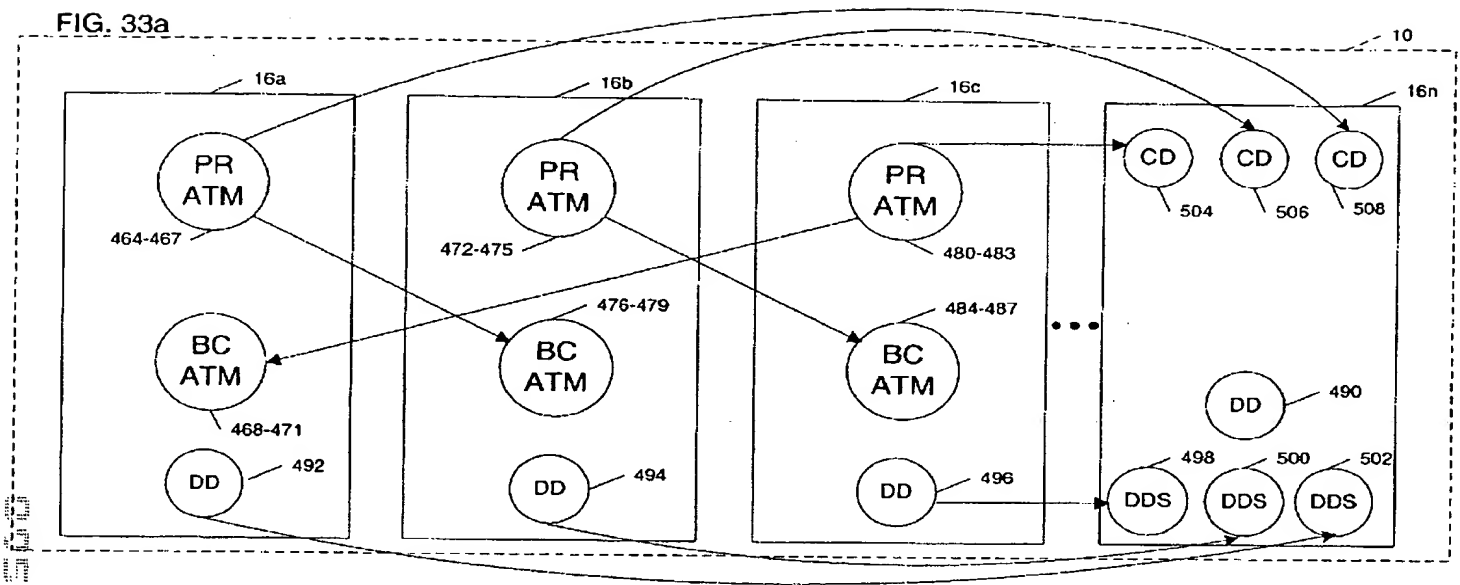


FIG. 33b

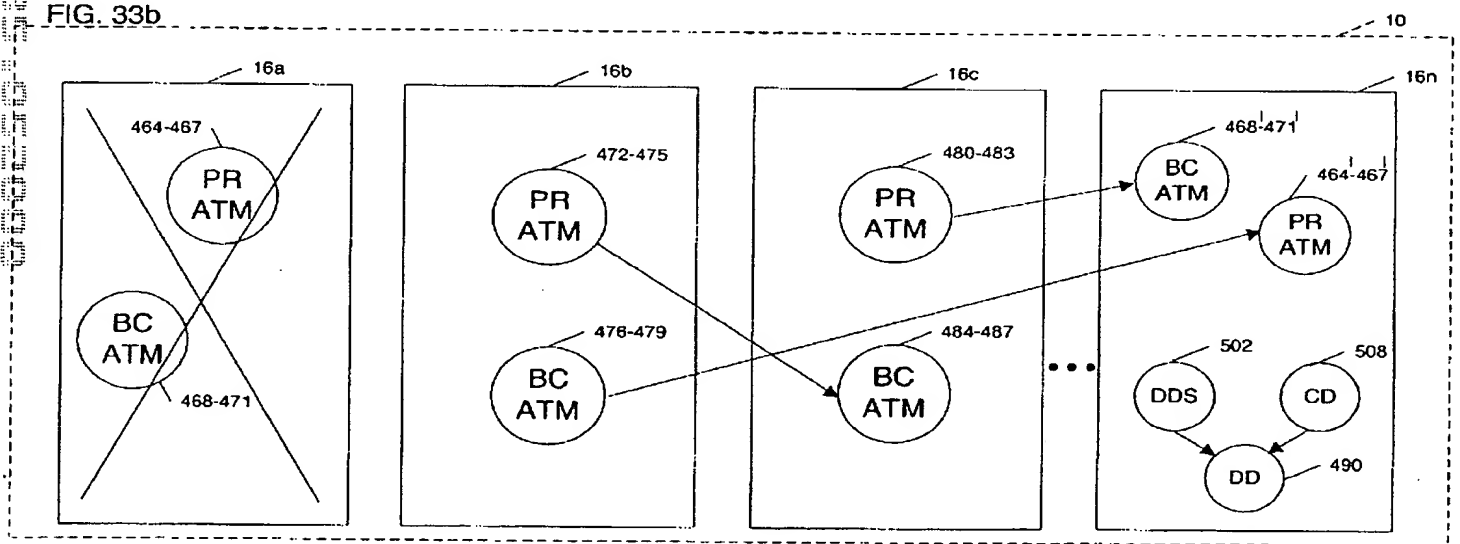


FIG. 33c

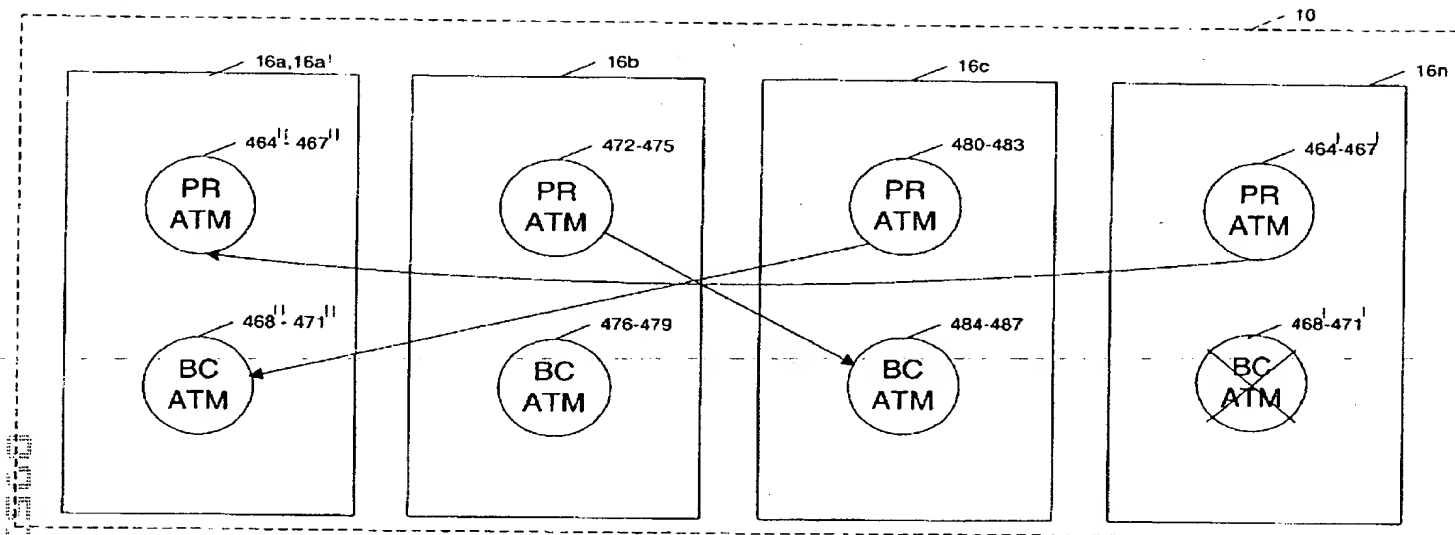


FIG. 33d

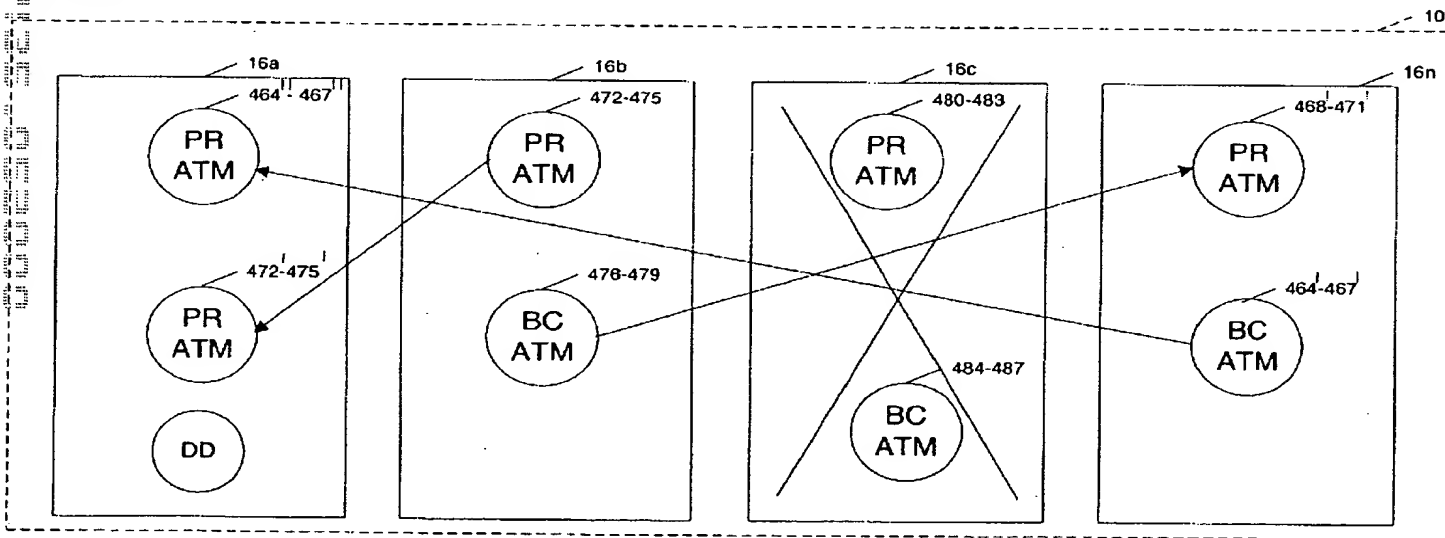


FIG. 34b

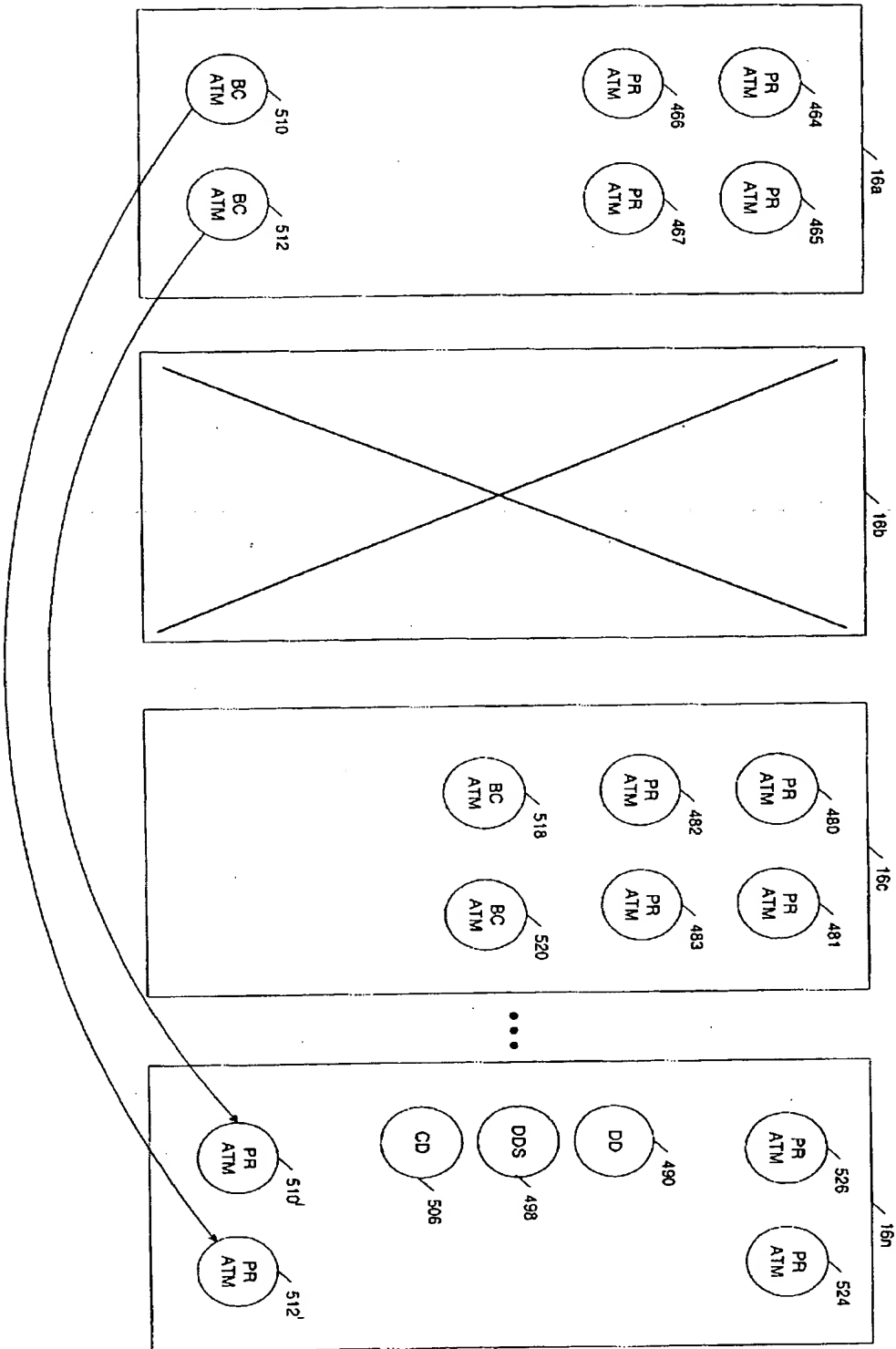


FIG. 35

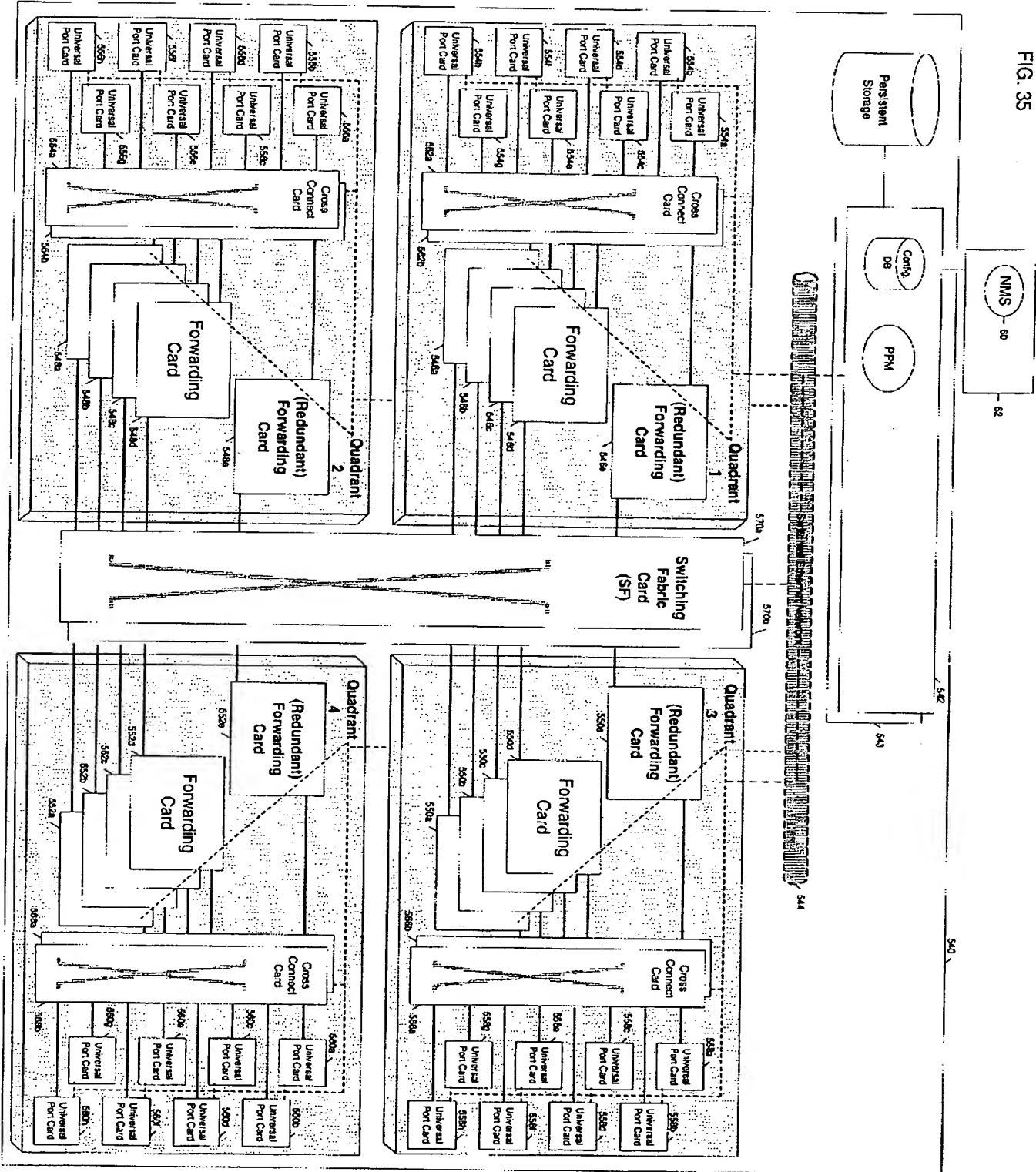


FIG. 36

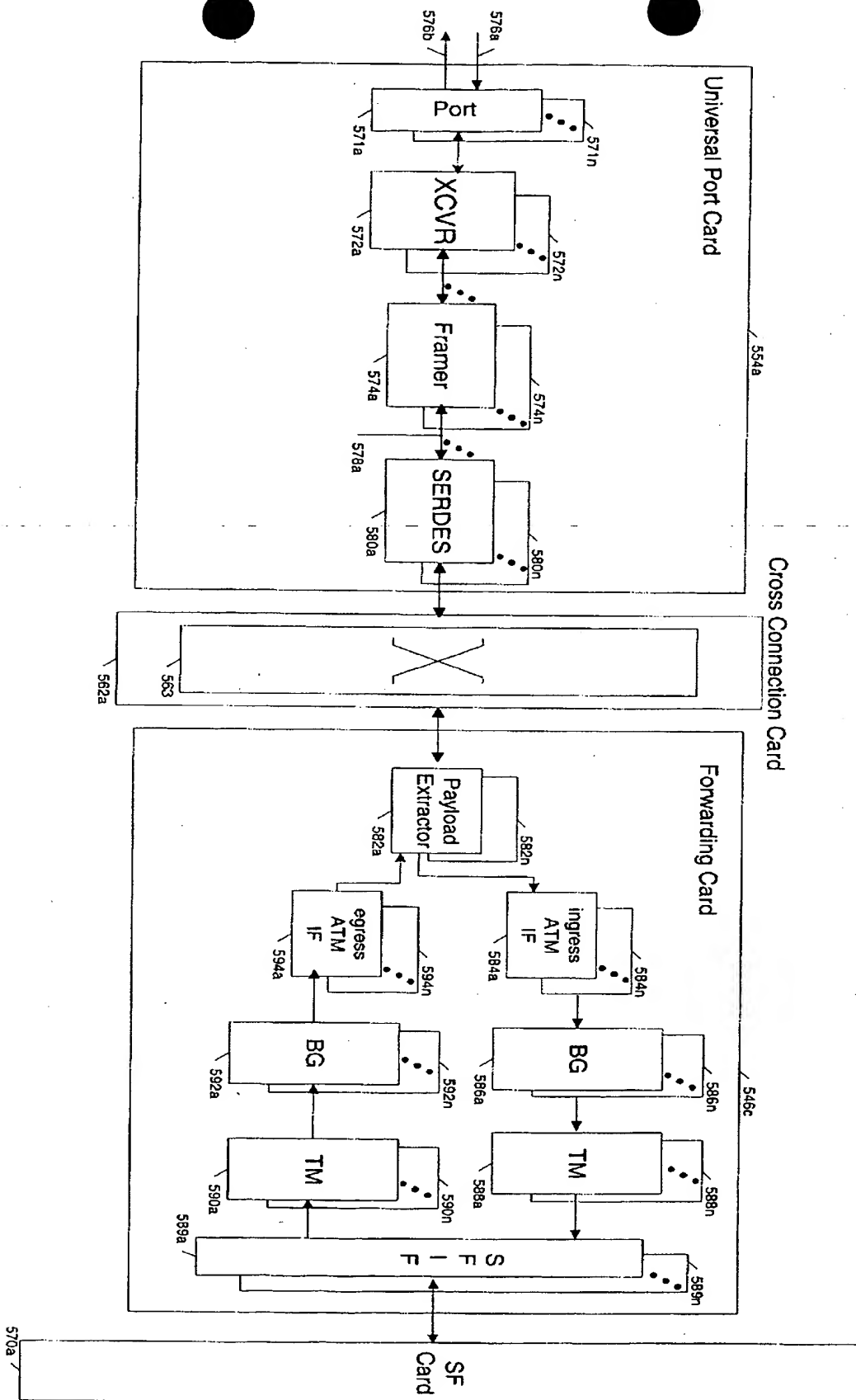


FIG. 37

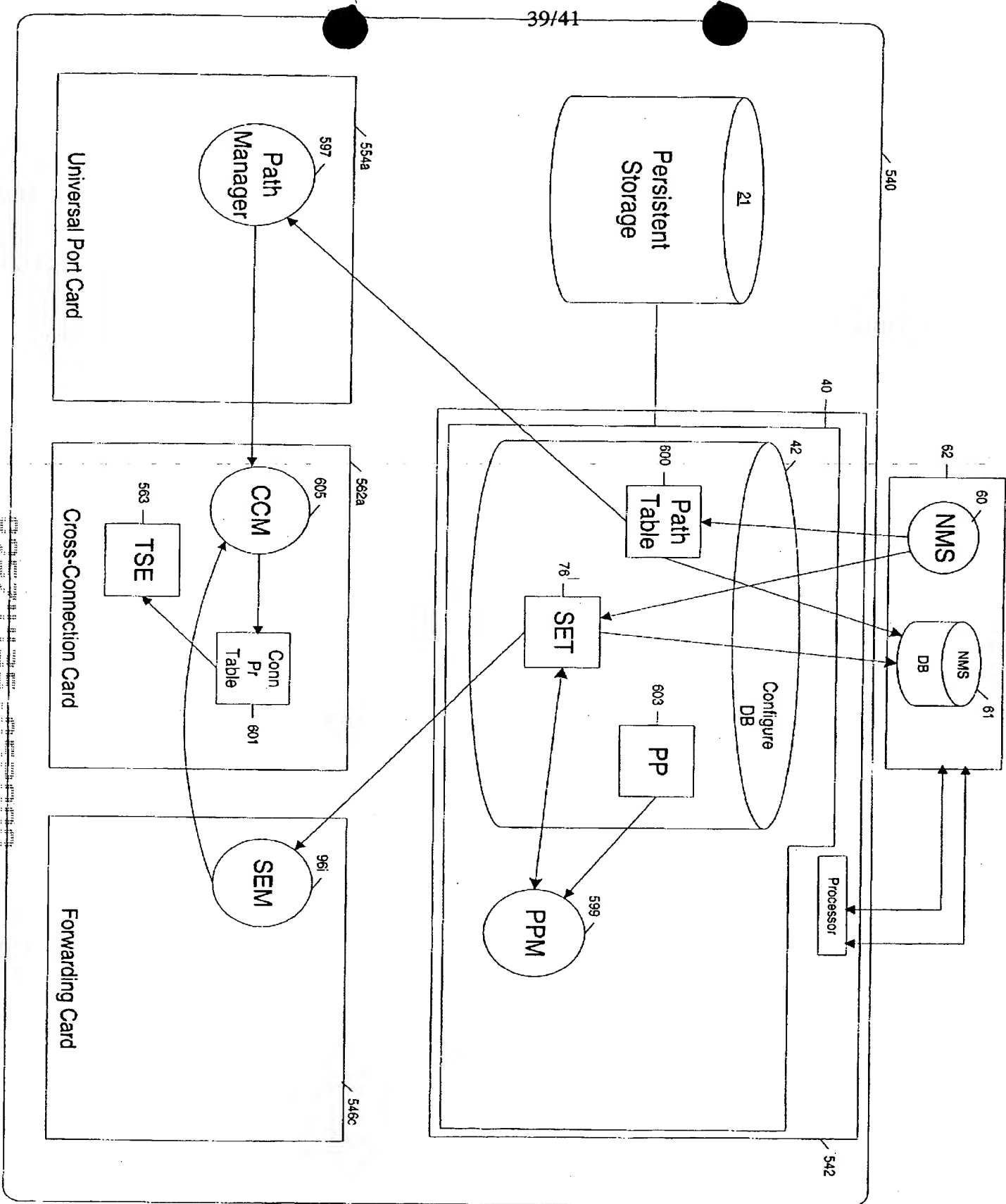


FIG. 38

Path Table 600



Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...

602 —

FIG. 38 is a diagram of a Path Table 600. The table has five columns: Path LID, UP Port LID, Time Slot, # of Time Slots, and an ellipsis. The first row contains the values 1666, 1231, 4, 3, and an empty cell. The second row contains ellipses in all five columns. A label 602 with a line points to the first row of the table.

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